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PHOTOGRAPHIC INTERPRETATION REPORT

## MISSION COVERAGE INDEX MISSION G 3071 15 MARCH 1962

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PHOTOGRAPHIC INTERPRETATION REPORT

# MISSION COVERAGE INDEX MISSION G 3071 15 MARCH 1962

NPIC/R-56/62 April 1962

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

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#### **PREFACE**

This <u>Mission Coverage Index</u> (MCI) furnishes a listing of intelligence targets covered by Mission G 3071. The listing provides the latest description based on photographic interpretation for each target covered by the mission. Items in the listing are arranged by WAC area and within each WAC by coordinates reading from south to north and from east to west. An explanation of column headings and photo reference data used in presenting the information is contained in the appendix.

For convenience of the user, a subject index to the intelligence targets has been included following the listing. Targets in the subject index are listed by category, and alphabetically by place name within each category.

Mission G 3071 was accomplished on 15 March 1962, and covered portions of all five provinces of Cuba (see accompanying Flight-Line Trace). Among the major targets covered were the Guantanamo Bay area, Camaguey, Santa Clara, Cienfuegos, the Havana complex, and Pinar del Rio.

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#### **ADDENDUM**

The following item should be inserted on page 14 between Maceo-Dobales Road Improvement and Holguin Area, Road Improvement.

City, installation	Coordinates	WAC	Installation Numbers		
City, metananan		"^"	BE	NPIC	
HOLGUIN AIRFIELD	2048N 07618W	0585		34-C	
6 NM SSW OF HOLGUIN.				1	
8,800 X 165 FEET NE/SW BLACKTOP RUNWAY HAS BEEN					
COMPLETED. TAXIWAY AND PARKING FACILITIES,					
INCLUDING 18 REVETTED PARKING AREAS, STILL UNDER					

CONSTRUCTION. NO OTHER FACILITIES. LISTED IN

ASSOTW, VOL 6, APR 59.

AIRCRAFT -- NONE OBSERVED.

25X1D

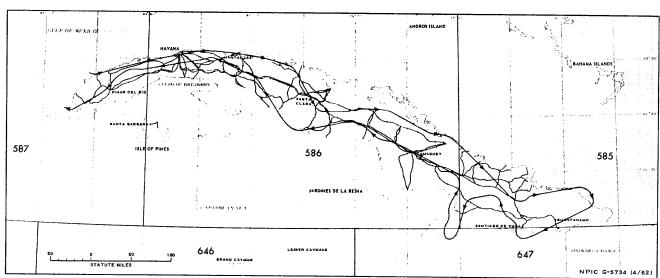
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APPROXIMATE TRACK OF MISSION G 3071.

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	City, Installation	Coordinates	WAC		on Numbe
		Coordinates		BE	NPIC
25X1D	SAN ANTONIO DEL SUR AREA, LANDING STRIP NO CHANGE SINCE MISSION 25X1D	2002N 07448W	Ø585		84-
	BAITIQUIRI AREA, PORT FACILITIES 25X1D NO CHANGE SINCE MISSION VESSELS ONE PROBABLE COASTAL TANKER MOORED END TO PIER, POSSIBLY AGROUND.	2002N 07452W	Ø585	-	8-
25X1D	DALTIQUIDI AREA, MINING ACTIVITY 25X1D				
25X1D	BAITIQUIRI AREA, MINING ACTIVITY 25X1D NO CHANGE SINCE MISSION	2004N 07450W	Ø585		8•
25X1D	BAITIQUIRI AREA; LANDING STRIP 7.5 NM NNE ÖF BAITIQUIRI. ROAD SUPERIMPOSED ON SSW HALF OF STRIP.	2009N 07451W	Ø585		8-
25X1D	MAISI: LANDING STRIP NO CHANGE SINCE MISSION 25X1D	2014N 07409W	Ø585		44.
20/(12	MAISI, PORT FACILITY 25X1D  NO CHANGE SINCE MISSION  VESSELS NONE OBSERVED.	2015N 07409W	Ø585		44
25X1D	VLOSEES NONE OBSERVED.				
25//5	BARACOA AREA; AIRFIELD 25X1D  NO CHANGE SINCE MISSION  AIRCRAFT ONE LIAISON-TYPE AIRCRAFT.	2017N 07428W	Ø585		10-
25X1D					

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	City, Installation	Coordinates	WAC	Installatio	
	BARACOA; PORT FACILITIES  NW SIDE OF BARACOA.  NEW BRIDGE UNDER CONSTRUCTION ONE NM SE OF BARACOA. BRIDGE IS 270 X 45 FT;  4-LANE; REPLACING 2-LANE BRIDGE.  BRIDGE COMPLETED; ROAD APPROACHES INCOMPLETE.	2021N 07430W	Ø585	BΕ	1Ø
25X1D	VESSELS ONE 150 FT SAILING VESSEL, AND 12 FISHING BOATS IN HARBOR.				
25X1D	BARACOA AREA: MICROWAVE TOWER  1.8 NM NW OF BARACOA.  MICROWAVE TOWER WITH ONE ASSOCIATED BUILDING  AT 20-21-40N 074-31-20W.	2022N 07431W	Ø585		10-D
25X1D	PUERTO MARAVI PORT FACILITIES  ONE MODIFIED L-HEAD PIER EXTENDING BEYOND SHOALS. ONE SMALL PIER.  VESSELS ONE SMALL BOAT.	2025N 07434W	Ø585		60
25X1D	CANETE AREA POTOSI CHROME MINE 25X1D NO CHANGE SINCE MISSION	2033N 07446W	<b>Ø</b> 585		14-A
25X1D	CAYO-GUAM. CHROMITE MINES  OPEN-PIT MINES LOCATED SOUTH OF CAYO-GUAM.  ACTIVE. ROAD SERVED.	2034N 07451W	Ø58 <b>5</b>		15
	CANETE BAHIA DE YAMANIGUEY, PORT FACILITIES NO CHANGE SINCE MISSION VESSELS ONE DREDGER. 25X1D  Approved For Release 2001/08/21 : CIA-RDP	2035N 07444W	Ø585		14

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City, Installation	Coordinates	WAC	Installation Number	
			BE	NPIC
25X1D				
PUNTA GORDA; PORT FACILITIES NO CHANGE SINCE MISSION VESSELS = 2 BARGES; 25X1D	2038N 07451W	Ø585		88
MOA AREA, PORT FACILITIES 25X1D  NO CHANGE SINCE MISSION  VESSELS ONE BARGE, ONE SMALL VESSEL.	2039N 07454W	Ø585·		51-8
25X1D  MOA AREA MOA AIRFIELD  25X1D  NO CHANGE SINCE MISSION	2039N 07455W	Ø585		51-4
AIRCRAFT NONE OBSERVED.		2505		
MOA, NICKEL PLANT  1.7 NM SSE OF MOA: PROCESSING FACILITIES INCLUDE 2 COVERED DORR THICKENERS, 8 OPEN DORR THICKENERS, 2 TAILING DEWATERERS OR THICKENERS, 9 COOLING TOWERS, ONE LARGE RESERVOIR, 9 VERTICAL AND 2 OPEN STORAGE TANKS, AND OTHER ASSOCIATED FACILITIES: NO CHANGE TO SUPPORT AREA SINCE MISSION APPEARS ACTIVE. THE MINE IS 1.5 NM SW OF THE PLANT. OPEN STORAGE OF ORE ON ROAD TO HARBOR.	2040N 07456W	Ø585		51
GUANTANAMO AREA, 25X1D  3.6 NM NW OF GUANTANAMO NAVAL BASE SECURITY FENCE. 7 UNIQUE, GABLE-ROOFED BUILDINGS MEASURING	2000N 07515W	Ø58 <b>5</b>		32 <b>-</b> k

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Installation Numbers City, Installation Coordinates ВE NPIC APPROXIMATELY 55 X 20 FT EACH WITH AN ASSOCIATED 15 X 20 FT BUILDING 5 TO 10 FEET FROM ONE END. 2 ADDITIONAL BUILDINGS ARE LOCATED 800 YDS TO THE SE. A BUILDING NEARLY IDENTICAL TO THESE 9 IS LOCATED ON THE NAVAL BASE AT 19-54-50N 075-13-55W. <u>SEE 0647-4C AND 06</u>47-4D• 25X1D SANTIAGO DE CUBA AREA, OIL REFINERY 25X1D 2000N 07552W Ø585 76-H NO APPARENT CHANGE SINCE MISSION 25X1D SANTIAGO DE CUBA, PORT FACILITIES WEST SIDE OF SANTIAGO DE CUBA. 2001N 07550W Ø585 76 NUMEROUS PIERS AND OTHER HANDLING FACILITIES - RAIL SERVED. VESSELS -- 2 FREIGHTERS, ONE BARGE AT MALECON TERMINAL, ONE FREIGHTER AT GRANARY PIER, 2 SMALL BOATS AND BARGE NEAR GRANARY PIER, 2 SMALL BOATS AT RAILROAD QUAY, BARGE AT CUBA ELECTRIC COMPANY PETROLEUM PIER, BARGE AND 3 SMALL CRAFT AT NAVAL PIER, 3 BARGES AT ROMERO PIER, 4 BARGES AT ISABEL WHARF, 3 SMALL BOATS AT NAVIERA PIER, 2 TANKERS AT TEXACO REFINERY PIER, 2 TANKERS AND ONE FLOATING DOCK AT BUENA VISTA PIER, NUMEROUS SMALL CRAFT IN AREA. 25X1D 25X1A SANTIAGO DE CUBA SEAPLANE STATION
NO APPARENT CHANGE SINCE MISSION 2001N 07550W Ø585 76-F 25X1D

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!	City, Installation	Coordinates	WAC	Installati BE	on Numbers NPIC
				BL	NEIC
25X1D	SANTIAGO DE CUBA, MILITARY TRAINING AREA NO EQUIPMENT DISCERNIBLE. NO APPARENT CHANGE IN FACILITIES SINCE MISSION 25X1D	2002N 07550W	Ø585		76 <b>-</b> E
25X1D	SANTIAGÓ DE CUBA AREA; RADIO STATION NO APPARENT CHANGE SINCE MISSION 25X1D	2002N 07551W	Ø585		76 <b>-</b> N
25X1D 25X1D	SANTIAGO DE CUBA AREA, MILITARY CAMP NO APPARENT CHANGE SINCE MISSION 25X1D NO VEHICLE ACTIVITY OBSERVED.	2003N 07554W	Ø585		76 <b>-</b> X
25X1D	EL COBRE AREA + COPPER MINE AND MILL NO APPARENT CHANGE SINCE MISSION 25X1D	2003N 07556W	Ø585	25X1A	25
25X1D	LOS CANOS AIRFIELD RUNWAY SERVICEABLE. DEFENSES EXTENSIVE DEFENSIVE POSÍTIONS NOTED THROUGHOUT AIRFIELD PERIMETER AREA. AIRCRAFT NONE OBSERVED.	2004N 07509W	Ø585		41 <b>-</b> A
	GUANTANAMO AREA; MIL BARRACKS AND STORAGE LOCATED ON NORTH SIDE OF JUNCTION OF ROUTE 6-37-AND RAIL LINE ONE NM NE OF GUANTANAMO. SHED-TYPE BUILDINGS BEING EXTENDED TO EACH PREVIOUSLY IDENTIFIED LARGE BUILDING TO FORM L-SHAPE.	2009N 07512W	Ø585		210
25X1D					
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	City, Installation	Coordinates	WAC		n Numbers
	City, installation	Coordinates	"AC	8E	NPIC
25X1D	LA GUANABANA AREA; LANDING STRIP  1 NM NW OF VILLAGE OF LA GUANABANA.  1,000 X 100 FT NE/SW SOD RUNWAY; SERVICEABLE.  NOT LISTED IN ASSOTW.  AIRCRAFT NONE OBSERVED.	2020N 07522W	Ø585		336
25X1D	LIMONAR AIRFIELD WEST EDGE OF LIMONAR. APPROXIMATELY 1,000 X 50 FT NNE/SSW DIRT RUNWAY. FOUR BARRACKS-TYPE BUILDINGS, APPROXIMATELY 175 X 40 FT, 5 SMALL UNIDENTIFIED BUILDINGS AND ONE POSSIBLE HANGAR. TRENCHES APPROXIMATELY 1,000 FT SE OF RUNWAY. NOT LISTED IN ASSOTW. AIRCRAFT NONE.	2021N 07519W	Ø585		335
25X1D	MAYARI ARRIBA, LANDING STRIP RUNWAY EXTENSION STILL UNDER CONSTRUCTION. TWELVE BUILDINGS AND HANGAR SOUTH OF RUNWAY APPEAR COMPLETE. ONE POSSIBLE COLT ON RUNWAY. NO CHANGE IN BUILDINGS NORTH OF RUNWAY.	2025N 07531W	Ø585		91
25X1D	MAYARI ARRIBA AREA, NEW ROAD U/C REALIGNMENT AND CONSTRUCTION OF ROAD FROM LA PRUEBA SOUTH FOR 3 NM. ROAD BETWEEN LA PRUEBA AND AREA NORTH OF MAYARI ARRIBA APPEARS COMPLETE. APPROXIMATELY 20 FEET WIDE. PROBABLE EARTH SURFACE.	2025N 07531W	Ø585		91 <b>-</b> B

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	City, Installation	Coordinates	WAC	Installatio	n Numbers
	City, installation	Coordinates	WAC	BE	NPIC
	MAYARI ARRIBA AREA; NEW ROAD CONSTRUCTION NEW ROAD-EXTENDS-NW FROM MAYARI ARRIBA 7.5 NM TO 20-29N 075-38W. GENERALLY FOLLOWS EXISTING TRACKS AND TRAILS. APPROXIMATELY 15 FT WIDE. EARLY STAGES OF CONSTRUCTION. PROBABLY USABLE.	2025N 0 <b>7</b> 532W	Ø585		91 <b>-</b> E
25X1D					
25X1D 25X1D	MAYARI ARRIBA, MILITARY INSTALLATION 25X1D  NO CHANGE IN FACILITIES SINCE MISSION  NEW CONSTRUCTION ACTIVITY  IN NORTHERN PART OF AREA CONSISTS OF GRADED EARTH STRIP OVER 1,000 FT LONG AND APPROXIMATELY 75 FT WIDE, ORIENTED NNE/SSW CONNECTED-BY ROAD TO BARRACKS AREA.  VEHICLES 45 OBSERVED IN BARRACKS AREA.	2027N 07531W	Ø585		91 <b>-</b> A
	SABANA LANDING STRIP NO CHANGE IN FACILITIES SINCE MISSION 25X1D AIRCRAFT NONE OBSERVED.	2027N 07558W	Ø585		107
	CALABAZAS; AIRFIELD  .5 NM NORTH OF CALABAZAS.  1,000 x 45 FT NNE/SSW SOD RUNWAY; WITH  450 FT OVERRUN AT BOTH ENDS. SERVICEABLE  FOR LIGHT AIRCRAFT. ONE POSSIBLE HANGAR AT  SOUTH END OF RUNWAY; AND ONE SMALL  UNIDENTIFIED BUILDING-EAST OF RUNWAY;  AIRCRAFT.—— 2 LIAISON-TYPE.	2028N 07522W	Ø585		86
25X1D					•
ļ	A	700045004004	40000 0		
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			T	Installatio	n Numbers
	City, Installation	Coordinates	WAC	BE	NPIC
25X1D	MAYARI ARRIBA AREA, PROB LANDING STRIP NO CHANGE SINCE MISSION AIRCRAFT NONE. 25X1D	2030N 07539W	Ø585		9 <b>1-</b> C
	MAYARI ARRIBA AREA; NEW ROAD U/C 25X1D NO APPARENT CHANGE SINCE MISSION	2030N 07539W	Ø585		91 <b>-</b> D
25X1D	MARCANE, LANDING STRIP SE EDGE OF MARCANE, 1950 X 110 FT NE/SW	2033N 07556W	Ø585		48 <b>-</b> A
25X1D	SOD LANDING STRIP. NOT LISTED IN ASSOTW. AIRCRAFT NONE OBSERVED.				
25X1D	FELTON AREA, WOODFRED IRON MINES  13 NM SW OF FELTON. PROBABLY ACTIVE. ROAD FROM GUAYABO (20 38N 075 42W) TO MINING AREA BEING PARTIALLY REALIGNED AND WIDENED. RAIL SERVED. UNDETERMINED NUMBER OF BUILDINGS SCATTERED THROUGHOUT AREA. APPROXIMATELY 4 SQUARE MILES IN AREA.	2034N 07543W	Ø585		29 <b>-</b> A
25X1D	MARCANE AREA ROAD IMPROVEMENT WEST FROM MARCANE 3 NM TO 20-34N 076-00W. IMPROVEMENTS CONSIST OF WIDENING OF OLD ROAD TO APPROXIMATELY 15 FT. PROBABLE EARTH SURFACE.	2034N 07557W	£585		48-8
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	City, Installation	Coordinates	IIAC	BE	NPIC
057445	SAGUA DE TANAMO: AIRFIELD  JUST SOUTH OF SAGUA DE TANAMO:  APPROXIMATELY 2:000 X 40 FT NNE/SSW DIRT  RUNWAY: ONE POSSIBLE HANGAR:  AIRCRAFT. — ONE LIAISON-TYPE:	2035N 07514W	Ø585		68 <b>-</b> A
25X1D					
25X1D	CANANOVA; LANDING STRIP 25X1D  NO CHANGE SINCE MISSION  AIRCRAFT NONE OBSERVED.	2037N 07505W	Ø585		105
25X1D	NICARO AREA; NICKEL MINES 5 NM SW OF NICARO. MINING AREA BEING EXTENDED APPROXIMATELY 3 NM FARTHER SOUTH. GRAVEL SURFACED ROAD UNDER CONSTRUCTION FROM MINING AREA TO A POINT ON THE RIO MAYARI RIVER APPROXIMATELY 10 NM SOUTH (20-29-30N 075-28-30W). RAIL LINE ALSO UNDER CONSTRUCTION FROM MINING AREA TO A POINT APPROXIMATELY 3 NM SOUTH.	2038N 07536W	Ø585		52 <b>-</b> A
25X1D	MAYARI AREA: ROAD IMPROVEMENT FROM MAYARI SOUTH APPROXIMATELY 5 NM. IMPROVEMENTS CONSIST OF WIDENING AND RESURFACING OF OLD ROAD AND TRAILS. APPROXIMATELY 15 FEET WIDE. PROBABLE LOOSE SURFACE.	2039N 07540W	Ø585		9Ø <b>-</b> C
•	MAYARI AREA: AIRFIELD IDENTIFICATION ONLY: AIRCRAFT NONE:  Approved For Release 2001/08/21: CIA-RDF	2039N 07541W	Ø58 <b>5</b>		9Ø <b>-</b> A

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Installation Numbers City, Installation Coordinates WAC 25X1D Ø585 334 2039N 07557W CUETO-MARCANE, NEW ROAD NEW ROAD SOUTH BETWEEN CUETO (20-39N 075-57W) AND MARCANE (20-31N 075-58W). ROAD APPROXIMATELY 15 FEET WIDE WITH NUMEROUS SMALL BRIDGES. PROBABLE LOOSE SURFACE (GRAVEL) CRUSHED STONE) TOTAL DISTANCE 8 NM. 25X1D 25X1D CAYO MAMBI, PORT FACILITIES 2040N 07517W Ø585 16-B NO APPARENT CHANGE SINCE MISSION 25X1D 10 RAIL CARS. VESSELS -- APPROXIMATELY 10 SMALL CRAFT. 25X1D 2040N 07532W Ø585 NICARO AREA, ROAD IMPROVEMENT 4Ø-C ROAD IMPROVEMENT ACTIVITY FROM A POINT 2 NM SOUTH OF NICARO EXTENDING 15 NM ESE TO A POINT ONE NM EAST OF CARPINTERO AT 20-36N 075-16W. ROAD IMPROVEMENTS CONSIST OF REGRADING, WIDENING AND REALIGNMENT OF EXISTING ROADS AND TRAILS. 25X1D 25X1D 2041N 07515W Ø585 16-A CAYO MAMBI AIRFIELD NO CHANGE SINCE MISSION 25X1D PUNTA GORDA AREA, PORT FACILITIES
NO CHANGE SINCE MISSION Ø585 8Ø 2041N 07520W 25X1D 25X1D

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	City, installation	Coordinates	"AC	BE	NPIC
25X1D	NICARO PORT FACILITIES  NO CHANGE IN FACILITIES IN VISIBLE PORTIONS  SINCE MISSION  VESSELS 2 SMALL CRAFT.	2043N 07533W	Ø585		4Ø
25X1D	SAETIA AREA, PROBABLE STORAGE SITE U/C THE 5 BUILDINGS .25 NM WEST OF THIS LOCATION APPEAR COMPLETE, 2 OTHERS UNDER CONSTRUCTION AND GROUND SCARS APPARENT FOR APPROXIMATELY 8 ADDITIONAL BUILDINGS. UNIMPROVED ROAD LEADS INTO THE AREA.	2046N 07532W	Ø585		93 <b>-</b> A
25X1D	SAETIA-LLAREY ROAD IMPROVEMENT EXTENDS SOUTH FROM SAETIA (20-46N 075-34W); 4.5 NM TO LLAREY (20-42N 075-35W); PROBABLE DRY WEATHER; LOOSE SURFACE ROAD; CONNECTS WITH RAIL LINE AT LLAREY; NO BRIDGE CROSSING SMALL CANAL 3 NM NE OF LLAREY;	2046N 07534W	Ø585		93 <b>-</b> B
25X1D	SAETIA: AIRFIELD IDENTIFICATION ONLY.	2047N 07534W	Ø58 <b>5</b>		93
25X1D	ANTILLA AREA; ROAD IMPROVEMENT FROM ANTILLA EAST 8.5 NM TO 20-48N Ø75-35W. IMPROVEMENTS CONSIST OF PARTIAL REALIGNMENT; WIDENING OF AN EXISTING ROAD AND TRAIL.	2050N 07544W	Ø585		2 <b>-</b> F
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Installation Numbers City, Installation Coordinates вΕ ESTRADA PALMA AREA, PROBABLE FIRING RANGE U/C 2009N 07659W Ø585 99-C 1.7 NM SW OF ESTRADA PALMA SUGAR MILL. RANGE APPEARS COMPLETE. 25X1D ESTRADA PALMA AREA, ROAD CONSTRUCTION Ø585 2010N 07657W 99-A ROAD IS BEING SURFACED WITH BITUMINOUS MATERIAL. BRIDGES UNDER CONSTRUCTION. INCOMPLETE REPORT. 25X1D PALMA SORIANO COMPLEX 54-A 2013N 07600W 0585 NO CHANGE IN VISIBLE PORTIONS SINCE 25X1D PALMA SORIANO AREA, LANDING STRIP 25X1D 2014N 07600W Ø585 54-C NO APPARENT CHANGE SINCE MISSION 25X1D 25X1D BAYAMO AREA, AIRFIELD 2023N 07638W Ø585 11-D NO APPARENT CHANGE SINCE MISSION 25X1D PASO LA YAYA AREA, LANDING STRIP 2032N 07619W Ø585 94-B 3.5 NM ESE OF PASO LA YAYA. 2,500 X 80 FT E/W SOD-DIRT STRIP APPEARS UNSERVICEABLE. NOT LISTED IN ASSOTW. AIRCRAFT -- NONE OBSERVED.

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City, Installation													City, Installation Coordinates WAC Install				WAC Installation Nu	
			BE	NPIC														
25X1D																		
BABINEY AREA; LANDING STRIP  2 NM NORTH OF BABINEY.  3,900 X 150 FT E/W SOD GRADED EARTH RUNWAY;  SERVICEABLE. NOT LISTED IN ASSOTW.  AIRCRAFT NONE.  D	2032N 07629W	Ø585		326														
PASO LA YAYA AREA, LANDING STRIP 25X1D NO APPARENT CHANGE SINCE MISSION	2033N 07622W	Ø585		94														
SAN GERMAN AREA, AIRFIELD  ONE NM SSE OF SAN GERMÂN.  2,400 X 75 FT NE/SW SOD RUNWAY. 2,400 X  75 FT SE/NW SOD RUNWAY. ONE T-SHAPED  HANGAR 45 X 30 FT AT NW END OF SE/NW RUNWAY.  NOT LISTED IN ASSOTW.  AIRCRAFT NONE.	2035N 07608W	Ø585		7Ø-A														
SAN GERMAN AREA; AIRFIELD 4-NM WEST OF SAN GERMAN. 2,400 X 80-FT NW/SE SOD RUNWAY; SERVICEABLE. ONE HANGAR; 3 SMALL BUILDINGS. AIRCRAFT NONE.	2036N 07613W	Ø585		7Ø-E														
LA CARIDAD AREA; LANDING STRIP  2 NM SE OF LA CARIDAD.  APPROXIMATELY 1,200 X 100 FT NW/SE SOD RUNWAY SERVICEABLE. ONE SMALL BUILDING.  NOT LISTED IN ASSOTW.  AIRCRAFT NONE OBSERVED.	2042N 07609W	Ø585		333														

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	City, Installation	Coordinates	WAC		n Numbers
	City, institution	Coordinates		BE	NPIC
	25X1D .				
25X1D	SAN PEDRO DE CACOCUM, STORAGE TANKS NO CHANGE SINCE MISSION 25X1D	2044N 07619W	Ø585		72 <b>-</b> A
25X1D	PALO DE DIABLO AREA, LANDING STRIP  1.5 NM NW OF PALO DE DIABLO.  1.950 X 100 FT E/W GRADED-EARTH RUNWAY,  SERVICEABLE. NOT LISTED IN ASSOTW.  AIRCRAFT NONE OBSERVED.	2045N 07610W	Ø58 <b>5</b>		85
25X1D	MACEO-DOBALES ROAD IMPROVEMENT ROAD BETWEEN MACEO (20-45N 076-30W) AND DOBALES (20-51N 076-28W) HAS BEEN WIDENED AND RESURFACED (GRAVEL, CRUSHED STONE), WITH A FEW MINOR REALIGNMENTS. APPROXIMATELY 20 FT WIDE.	2045N 07630W	Ø585		43 <b>-</b> A
25X1D	HOLGUIN AREA, ROAD IMPROVEMENT EXTENDS SE FROM HOLGUIN 8 NM TO CENTRAL HIGHWAY (21-51N 076-08W). REALIGNMENT, WIDENING, RESURFACING, AND CONSTRUCTION OF NEW BRIDGES. ROAD APPROXIMATELY 20 FT WIDE. PROBABLE LOOSE SURFACE (GRAVEL) CRUSHED STONE).	2053N 07615W	Ø585		34 <b>-</b> Q
	HOLGUIN, MILITARY DEFENSES EXTENSIVE PERIMETER ENTRENCHMENTS PROVIDING AW POSITIONS DEFENDING APPROACHES TO HOLGUIN. RIFLE RANGE AT BASE OF HILL 1.5 NM WEST OF HOLGUIN. BARRACKS AREA CONTAINING 8 BARRACKS— TYPE; 10 SMALL ASSOCIATED BUILDINGS; AND Approved For Release 2001/08/21: CIA-RDP	2053N 07617W	Ø585		34 <b>-</b> B

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	City, Installation	Coordinates	WAC	Installatio	
	- //			BE	NPIC
25X1D	NUMEROUS PERSONNEL TRENCHES 1.5 NM SOUTHWEST OF HOLGUIN.		-		
			05.05		0.6
	HOLGUIN-COMPLEX APPROXIMATELY 4.5 SQ MI IN AREA. COMMERCIAL AND TRANSPORTATION CENTER WITH SOME LIGHT INDUSTRY. RAIL SERVED. RAILROAD-STATION AND YARD IN SOUTHERN SECTOR. 4 RADIO AND ONE MICROWAVE STATION ON SOUTHWEST AND WESTERN OUTSKIRTS OF TOWN. SMALL STORAGE SITE CONTAINING 4 FENCED STORAGE BUILDINGS, ONE LARGE BUILDING AND UNIDENTIFIED MATERIAL IN OPEN STORAGE 1.5 NM WSW OF TOWN.	2053N 07617W	Ø585		34-6
25X1D					
25X1D	LA YAYA AREA, ROAD IMPROVEMENT  3 NM NW OF VELAZEO. ROAD BEING IMPROVED AND CONSTRUCTED FROM LA YAYA NORTHEASTWARD FOR 4 NM. ROADBED APPROXIMATELY 25 FT WIDE. NORTHERN HALF OF ROAD-IN EARLY STAGES OF CONSTRUCTION.	2107N 07622W	Ø585	·	332
25X1D	LORA-PLAYA LA HERRADURA ROAD IMPROVEMENT ROAD IMPROVEMENTS EXTEND 3 NM NORTH FROM LORA IMPROVEMENTS CONSIST OF REGRADING; WIDENING; AND PARTIAL REALIGNMENT OF ROAD. APPROXIMATELY 16 FT WIDE; PROBABLE LOOSE SURFACE.		Ø585		331
	MANATI: LANDING STRIP JUST EAST OF MANATI: 3,500 X 110 FT E/W SOD RUNWAY: NO FACILITIES: AIRCRAFT NONE:	2118N Ø7655W	Ø585		45 <b>-</b> /

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	City, Installation	Coordinates	WAC	Installati BE	on Numbers NPIC
	25X1D  PUERTO MANATI, PORT FACILITIES  7 NM NE OF MANATI.  ONE L-HEAD PIER, ROAD AND RAIL SERVED.  7 WAREHOUSES, 3-TRACK HOLDING YARD AND TURNING WYE. 4 POL STORAGE TANKS, RAIL-SERVED.  VESSELS NUMEROUS SMALL CRAFT.	2121N Ø7649W	Ø585		59
25X1D 25X1D	SAN JOSE AREA: LANDING STRIP 25X1D NO CHANGE SINCE MISSION AIRCRAFT NONE:	2115N Ø7716W	Ø586		312
	MARCHENA AREA; MICROWAVE SITE 25X1D NO CHANGE SINCE MISSION	2117N Ø7743W	Ø586		114-A
25X1D	LA VIUDA LANDING STRIP IMMEDIATELY SOUTH OF LA VIUDA. APPROXIMATELY 1,500 X 100 FT NE/SW SOD RUNWAY. SERVICEABLE. NOT LISTED IN ASSOTW. AIRCRAFT NONE.	2121N Ø7722W	Ø586		413
25X1D	CAMAGUEY AREA RADIO STATION 25X1D NO CHANGE SINCE MISSION	2121N Ø775ØW	Ø586		27 <b>-</b> A
	CAMAGUEY AREA, MILITARY ACTIVITY  4.6 NM ESE OF CENTER OF CAMAGUEY.  ONE T-SHAPED BUILLING, 6 GABLE-ROOFED  BUILDINGS, 4 DUG-OUT REVETMENTS, AND  5 AW POSITIONS IN SMALL WOODED AREA AT  21-21-45N Ø77-50-45W.  Approved For Release 2001/08/21: CIA-RDP	2121N Ø775ØW	Ø58 <b>6</b>		27 <b>-</b> Y

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	City, Installation	Coordinates	WAC		on Numbers
	City, installation	Coordinates	"AC	BE	NPIC
	25X1D  VIGIL: LANDING FIELD  2:000 X 225 FT NE/SW SOD RUNWAY. ONE HANGAR.	2122N Ø7725W	Ø586		206
25X1D	AIRCRAFT NONE VISIBLE.				
	CAMAGUEY URBAN COMPLEX 25X1D NO CHANGE SINCE MISSION	2123N Ø7755W	Ø586		27-F
25X1D					
25X1D	SAN-MIGUEL DE BAGA AREA, LANDING STRIP  1.3 NM SE OF SAN MIGUEL DE BAGA.  APPROXIMATELY 2,500 X 100 FT WNW/ESE SOD  RUNWAY, PROBABLY SERVICEABLE. NOT LISTED  IN ASSOTW  AIRCRAFT NONE.	2125N Ø7718W	Ø58 <b>6</b>		173 <b>-</b> A
25X1D	SAN MIGUEL DE BAGA, LANDING FIELD  APPROXIMATELY 2,000 X 100 FT E/W SOD LANDING AREA, GRASS AND LOW SCRUB GROWING ON LANDING STRIP. NO-FACILITIES.  AIRCRAFT NONE VISIBLE.	2125N Ø772ØW	Ø586		173
	CAMAGUEY INTERNATIONAL AIRFIELD ENE/WSW-RUNWAY SERVICEABLE. NO CHANGES IN COMMUNICATION/ELECTRONICS. OTHER 25X1D FACILITIES OR DEFENSES SINCE MISSION	2125N Ø7751W	Ø586	·	27
25X1D	AIRCRAFT TOTAL OF 4, INCLUDING				
25X1D	2 FAGOT, ONE SEA FURY, AND ONE CRATE.				
	Approved For Pologo 2004/08/04 : CIA DDI	7900456040004000	140000 0	L	
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	City, Installation	Coordinates			tion Numbers	
	Cry, institution	Coordinate		BE	NPIC	
	LAS PIEDRAS-PLAYA SANTA LUCIA ROAD IMPROVEMENT ROAD IMPROVEMENT BEGINS ONE NM NE OF LAS PIEDRAS AND EXTENDS THROUGH SAN MIGUEL DE BAGA TO A POINT 1.5 NM SOUTH OF PLAYA SANTA LUCIA (21-26N Ø77-29W TO 21-31N Ø77-Ø2W).  ROAD IMPROVEMENTS CONSIST OF REALIGNMENT, WIDENING, RESURFACING, AND CONSTRUCTION OF NEW BRIDGES AND CULVERTS. THE MAJOR PORTION OF THE ROAD IS 2 LANES WIDE, HOWEVER, TEMPORARY BRIDGES AND BYPASSES FOR STREAMS RESTRICT TRAFFIC TO ONE LANE IN SOME AREAS.	2126N Ø7729W	Ø586		414	
5X1D						
5X1D	CAMAGUEY AREA POSS MILITARY TRAINING AREA NO CHANGE SINCE MISSION NO VEHICLES OBSERVED 25X1D	2126N Ø7753W	Ø586		27-1	
5X1D	MINAS, CHROME MINES 25X1D NO APPARENT CHANGE SINCE MISSION	2129N Ø7737W	Ø586		127	
	NUEVITAS AREA; LANDING STRIP 14 NM EAST OF NUEVITAS. AIRSTRIP IS IN POOR CONDITION; UNSERVICEABLE. LOW SCRUB AND GRASS GROWING ON PORTIONS OF THE STRIP. NO FACILITIES. AIRCRAFT NONE.	2131N 07701W	Ø586		134 <b>-</b> E	
5X1D						
	Approved For Release 2001/08/21 : CIA-RDP	78B04560A0001000	10069-9	<b>_</b>		

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	City, Installation	Coordinates	WAC		on Numbers
	27,7,110	000141114100		BE .	NPIC
	NUEVITAS SEAPLANE STATION 25X1D  NO APPARENT CHANGE SINCE MISSION  25X1D  AIRCRAFT NONE VISIBLE.	2132N Ø7715W	Ø586	25X1A	134-D
25X1D	AIRCRAIT NONE VISIBLE.				
	NUEVITAS, PORT FACILITIES NO CHANGE IN PORT FACILITIES SINCE MISSION	2132N Ø7716W	Ø586		134
25X1D 25X1D	VESSELS A TOTAL OF 14.  ONE SMALL CARGO VESSEL AT PIER 1, 2 CARGO VESSELS DOCKED AT PIER 4, AND ONE TANKER ANCHORED OFF PIER 4 IN PASTELILLO PORT. 2 CARGO VESSELS DOCKED AT PIER B, ONE DOCKED AT PIER C, AND ONE DOCKED AT PIER D IN PUERTO TARAFA. 6 CARGO VESSELS ANCHORED JUST EAST OF 2 ISLANDS (BALLENATO GRANDE AND BALLENATO DEL MEDIO) IN BAY. APPROXIMATELY 250 RAIL CARS IN DOCK AREA.				
	NUEVITAS AIRFIELD 25X1D NO APPARENT CHANGE SINCE MISSION	2132N Ø7717W	Ø586		134-C
25X1D					
	NUEVITAS AREA, MILITARY TRAINING AREA 4 NM WEST OF NUEVITAS. APPROXIMATELY 1.5 SQ MI IN AREA. 5 BARRACKS—TYPE BUILDINGS, 5 SMALL ASSOCIATED BUILDINGS, AND 6 TENTS. NUMEROUS TRENCHES, FOXHOLES, AND AUTOMATIC WEAPONS EMPLACEMENTS DISPERSED THROUGHOUT AREA.	2132N Ø772ØW	Ø586		134~J
25X1D	Approved For Release 2001/08/21 CIA-RDP		10000		

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	City, Installation	Coordinates	WAC	Installation Numb	
	City, institution	Coordinates		BE	NPIC
25X1D	SENADO AIRFIELD 25X1D NO APPARENT CHANGE SINCE MISSION AIRCRAFT NONE.	2133N Ø7735W	Ø586		189
25X1D	DIAVA CANTA LUCIA CALT DEFINEDY	21244 277224	25.04		243
5X1D	PLAYA SANTA LUCIA, SALT REFINERY WEST SIDE OF PLAYA SANTA LUCIA. SALT PANS COVER APPROXIMATELY 1.5 SQ MI. AREA CONTAINS 7 BUILDINGS SERVED BY RAIL SPUR FROM PIER ONE NM NE OF AREA. 10 RAIL CARS IN AREA.	2134N 07703W	Ø586		241
X1D	LUGARENO AREA; LANDING STRIP ONE NM NORTH OF LUGARENO. E/W SOD RUNWAY; APPROXIMATELY 700 FT LONG. PROBABLY SERVICEABLE. NOT LISTED IN ASSOTW. AIRCRAFT NONE.	2134N Ø7728W	Ø586		107-A
25X1D	CAMAGUEY AREA; ACUEDUCTO DE PONTEZUELA NO APPARENT CHANGE SINCE MISSION 25X1D	2134N Ø7759W	Ø586		27 <b>-</b> R
25X1D	ASILO JUAN AREA; ROAD IMPROVEMENT ROAD BEING WIDENED AND IMPROVED FROM ASILO JUAN EASTWARD 3.5 NM. NE FROM THIS POINT A NEW ROAD IS BEING CONSTRUCTED UP TO AND CROSSING THE LA ZANJA CANAL AT 21-38N Ø77-22W POSSIBLE BRIDGE BEING CONSTRUCTED AT THIS POINT.	2137N Ø7727W	<b>Ø</b> 586		412

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	City, Installation	Coordinates	WAC	BE	NPIC
	JARONU AREA; CENTRAL JARONU AIRFIELD  1.3 NM NORTH OF JARONU.  ONE HANGAR AND 7 ASSOCIATED BUILDINGS VISIBLE.  NOT LISTED IN ASSOTW.	2149N Ø7757W	Ø586	·	92
25X1D	AIRCRAFT NONE.				
25X1D	PUEBLO LA VALLITA, MICROWAVE SITE 25X1D NO CHANGE SINCE MISSION	2126N Ø78Ø8W	Ø586		293
	FLORIDA AREA; CENTRAL AGRAMONTE AIRFIELD 2-NM SOUTH OF FLORIDA. 3,300 X 100 FT ENEZWSW GRADED EARTH RUNWAY. AIRCRAFT NONE-OBSERVED.	213ØN Ø7812W	Ø586		39
25X1D					
25X1D	FLORIDA, MICROWAVE STATION 25X1D NO CHANGE SINCE MISSION	2131N Ø7814W	Ø586		74
	BARAGUA AREA; PORT FACILITIES  NO APPARENT CHANGE IN FACILITIES SINCE  MISSION  VESSELS 5 LIGHTERS.	2133N Ø7839W	Ø586		7Ø
25X1D 25X1D	PALO ALTO, PORT FACILITIES SOUTH EDGE OF PALO ALTO. ONE RAIL-SERVED PIER, SEVERAL DOCKS, 4 STORAGE TANKS, APPROXIMATELY 10 STORAGE- TYPE BUILDINGS; RAILROAD TURNING WYE. VESSELS NONE.	2136N Ø7858W	Ø586		136

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	City, Installation	Coordinates	WAC	Installatio	
	JUCARO, PORT FACILITIES SOUTH EDGE OF JUCARO. ONE LONG, RAIL-SERVED PIER WITH 24 RAIL CARS. NUMEROUS SMALL DOCKS AND SMALL CRAFT. 2 LIGHTERS ALONG RAIL-SERVED PIER. 2 STORAGE TANKS, 3 LARGE WAREHOUSES AT NEAR END OF RAIL-SERVED PIER. PORT FACILITIES	2137N Ø7851W	Ø586	BE	98
25X1D	RAIL AND ROAD SERVED.				
25X1D					
25X1D	CIEGO DE AVILA AREA, VICENTE POWER PLANT NO APPARENT CHANGE SINCE MISSION 25X1D	2148N Ø7842W	Ø58 <b>6</b>		2Ø5
25X1D		215ØN Ø7844W	Ø586		5Ø <b>-</b> /
25X1D	DEFENSES 8 AAA POSITIONS (POSSIBLY OCCUPIED) IN NORTH SIDE OF RUNWAY. PERSONNEL TRENCHES LOCATED EAST OF AIRFIELD. NO EVIDENCE OF CONSTRUCTION ACTIVITY.  AIRCRAFT 10 LIAISON-TYPE.				
25X1D	Approved For Release 2001/08/21 : CIA-RDP	78B04560A0001000	10069-9		

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	City Land Hardan	Coordinates	WAC	Installatio	
	City, Installation	Coordinates	WAC	BE	NPIC
25X1D 25X1D	CIEGÓ DE AVILA COMPLEX NO APPARENT CHANGE IN VISIBLE PORTIONS SINCE MISSION CLEAR	2150N 07845W	Ø586		5Ø-I
	CIEGO DE AVILA AREA, LANDING STRIP 25X1D NO APPARENT CHANGE SINCE MISSION	2152N Ø7846W	Ø586		50
25X1D 25X1D		2153N Ø7859W	Ø586		297 <b>-</b> A
25X1D	VELAZCO AREA; NEW AIRFIELD  NO APPARENT CHANGE IN VISIBLE PORTION SINCE MISSION AIRCRAFT NONE VISIBLE.	2155N Ø7819W	Ø586		390
25X1D	VELAZCO AREA, ROAD IMPROVEMENT ROAD BEING IMPROVED AND EXTENDED FROM VELAZCO TO 21-57N 078-19E. ROAD PASSES TO THE RIGHT OF NEW AIRFIELD LOCATED JUST NORTH OF VELAZCO		Ø586		39Ø <b>-</b> A
	Approved For Release 2001/08/21 : CIA-RDP	78B04560A0001000 T	10069-9 OP S	SECRET NOFORN	CHESS

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	City, Installation	Coordinates	WAC	Installati	on Numbers
	City, installation	Coolamares	***	BE	NPIC
25X1D	MAJAGUA AREA OIL FIELD 25X1D NO APPARENT CHANGE SINCE MISSION	2158N Ø7858W	Ø58 <b>6</b>		297
25X1D	TUNAS DE ZAZA, PORT FACILITIES SOUTH EDGE OF TUNAS DE ZAZA. ONE RAIL-SERVED PIER, LARGE WAREHOUSE. RAIL YARD OF 5 TRACKS, 2 SMALL POL TANKS.	2138N Ø7933W	Ø58 <b>6</b>		199
25X1D	TRINIDAD AIRFIELD 25X1D NO APPARENT CHANGE SINCE MISSION	2147N Ø7959W	0586	25X1A	196 <b>-</b> B
25X1D	TRINIDAD COMPLEX NO APPARENT CHANGE SINCE MISSION	2147N Ø7959W	Ø586		196 <b>-</b> E
25X1D	TRINIDAD AREA, UNUSUAL SCARRING ACTIVITY APPROXIMATELY 5.5 NM ENE OF TRINIDAD ON HILL LOMA DE BUENA VISTA AND APPROXIMATELY 4 NM IN FROM COAST. UNUSUAL SCARRING ACTIVITY, 4 POSSIBLE GUN EMPLACEMENTS UNDER CONSTRUCTION ON RIDGE FACING THE SEA. AREA IS ROAD SERVED. VEHICLES/EQUIPMENT NONE OBSERVED.	2149N Ø7953W	Ø586		196-1
	JATIBONICO AREA, LANDING STRIP IDENTIFICATION ONLY.	2154N 07907W	Ø586		94 <b>-</b> B
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City, Installation		Coordinates	WAC	Installatio BE	n Numbers NPIC
25X1D				BE	NPIC
JATIBONICO AREA; STORAGE AREA U/ 1.5 NM ENE OF JATIBONICO. 21 RECTANGULAR BUILDINGS; 10 C 11 UNDER CONSTRUCTION.		2156N Ø79Ø9W	Ø586		94 <b>-</b> G
JATIBONICO: LANDING STRIP NO APPARENT CHANGE SINCE MISSI	25X1D ON	2156N Ø791ØW	Ø586		94 <b>-</b> F
25X1D AIRCRAFT NONE OBSERVED.					
25X1D SANCTI SPIRITUS COMPLEX NO APPARENT CHANGE SINCE MISSI 25X1D	on T	2156N Ø7926W	Ø586		175
SANCTI SPIRITUS AIRFIELD  NO APPARENT CHANGE SINCE MISSI  25X1D  AIRCRAFT NONE.	ON	2158N Ø7927W	Ø586		175 <b>-</b> A
ZAZA DEL MEDIO: LANDING STRIP NO APPARENT CHANGE SINCE MISSI	ON	2159N Ø7922W	Ø58 <b>6</b>		245
PINA POL STORAGE 25X1D NO CHANGE SINCE MISSION		22Ø1N Ø7842W	Ø586		145 <b>-</b> B
25X1D Approved For Release	2004/08/24 · CIA PDB	78B04560A0004000	10069.9		

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	City, Installation	Coordinates	WAC	Installat	stallation Numbers	
	City, installation	Coordinates	"AC	BE	NPIC	
5X1D	PLAYA GUANEY, PORT FACILITIES ONE PIER, APPROXIMATELY 150 FT LONG. VESSELS NONE.	2202N 07802W	Ø586		410	
5V4D	PLAYA SANTA GERTRUDIS, PORT FACILITIES ONE LONG AND 7 SMALL PIERS. 3 PROBABLE WAREHOUSES. VESSELS NONE.	2210N 07818W	Ø586		6Ø <b>=</b> C	
5X1D 25X1D 25X1D	PUNTA ALEGRE LANDING STRIP  NO CHANGE IN NE/SW RUNWAY SINCE MISSION  TRACK ACTIVITY INDICATES  NW/SE RUNWAY UNSERVICEABLE  AIRCRAFT NONE	2222N Ø7846W	Ø586		151-A	
25X1D 5X1D	ARROYO BLANCO AREA, ELECTRONICS INSTALLATION NO CHANGE SINCE MISSION	2202N 07909W	Ø586		298	
25X1D	FOMENTO AREA: MINING ACTIVITY 25X1D NO CHANGE SINCE MISSION	2203N 07943W	Ø586		75	
:5X1D	FOMENTO, LANDING STRIP 25X1D  NO CHANGE SINCE MISSION  AIRCRAFT NONE.	22Ø6N Ø7943W	Ø586		75=0	
25X1D	AGABAMA PYRITES MINE 25X1D NO CHANGE SINCE MISSION Approved For Release 2001/08/21 : CIA-RD	2208N 07945W	Ø586		11	

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	City, Installation Coordinates				on Numbers	
				BE	NPIC	
	MANICARAGUA AREA, NEW HIGHWAY U/C 25X1D NO SIGNIFICANT CHANGES SINCE MISSION	2209N 07959W	ø586		291 <b>-</b> A	
25X1D	MAYAJIGUA AIRFIELD 25X1D NO CHANGE SINCE MISSION	2213N Ø79Ø4W	Ø586	25X1A	121	
25X1D	SANTA CLARA AREA; AGABAMA DAM  NO APPARENT CHANGE SINCE MISSION	2217N Ø7953W	Ø586		177 <b>-</b> J	
25X1D	BAEZ AREA + ROADBLOCK ROADBLOCK NO LONGER PRESENT •	2217N Ø7954W	Ø586		344	
25X1D	YAGUAJAY AREA, AIRFIELD 25X1D NO CHANGE SINCE MISSION	2219N Ø7914W	Ø586		299	
25X1D	SANTA CLARA AREA) TANK TRAINING 5 NM SSE OF SANTA CLARA NO CHANGE IN SUPPORT FACILITIES SINCE	222ØN Ø7956W	Ø586		177-N	
25X1D 25X1D	MISSION VEHICLES 6 TANKS, SEVERAL TRUCKS.					
25X1D	SANTA CLARA AREA; RADIO STATION 25X1D. NO CHANGE SINCE MISSION	222ØN 07958W	Ø586		177-G	
	Approved For Release 2001/08/21 : CIA-RDF	78B04560A0001000 T	10069-9 OP S	ECRET NOFORN	CHESS	

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City, Installation	Coordi	nates WAC	BE	NPIC
SANTA CLARA AREA, MILITARY CAMP ONE NM SE OF SANTA CLARA, ONE H-SHAPED, ONE 3-SECTION, 5 SUPPORT BUILDINGS, AREA FEN	AND	7957W Ø586		177 <b>-</b> L
SANTA CLARA AREA, MICROWAVE & P NO CHANGE SINCE MISSION	OSSIBLE VMF/UHF 2222N Ø	7958W Ø586		177 <b>-</b> F
SANTA CLARA COMPLEX NO APPARENT CHANGE SINCE MISS 25X1D	10N 25X1D 2225N Ø	7957W Ø586		177-C
SANTA CLARA AREA, COMMUNICATION NO CHANGE SINCE MISSION	S SITE 2226N Ø	7955W Ø586		177 <b>-</b> B
SANTA CLARA INTERNATIONAL AIRFI 6 NM NNE OF SANTA CLARA. 10,400 X 270 FT E/W GRADED EA ELECTRONICS TOKEN RADAR 4, RUNWAY, GCA ON SOUTH SIDE OF END, Z MARKER 2 NM FROM WES FACILITIES 94 TENTS ON HAR HARDSTANDS ON WEST END HAVE 8 COVERED, 9 OTHERS ARE IN LATE CONSTRUCTION. DEFENSES ONE 3-GUN AAA POS EMPLACEMENTS OCCUPIED, ON NOR NEAR WEST END. SEVERAL AW POS EXPLOSIVES STORAGE AREA.	RTH RUNWAY. 500 FT NORTH OF RUNWAY NEAR WEST T END OF RUNWAY. DSTANDS, 2 OF THE EEN EARTH STAGES OF ITION WITH 2 TH SIDE OF RUNWAY	7955W Ø586		177 <b>-</b> D
AIRCRAFT 5 FAGOT/FRESCO, A	ND ONE CESSNA • See 2001/08/21 : CIA-RDP78B04560/	X000100010069-9	<u> </u>	

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City, Installation	Coordinates	WAC	Installation Numbers	
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CUMANAYAGUA AREA; NEW DAM U/C CUMANAYAGUA AREA; HANABANILLA POWER PLANT DAM COMPLETED (22-06N 080-04W). WATER ACCUMULATION HAS STARTED IN RESERVOIR. HYDROELECTRIC POWER PLANT APPEARS IN LATE STAGE OF CONSTRUCTION. NEW DAM UNDER CONSTRUCTION 5.5 NM SE OF THIS DAM. WATER ACCUMULATION STARTED IN NEW RESERVOIR. THE 2 RESERVOIRS ARE CONNECTED BY CANAL DE DERIVACION WHICH IS BECOMING INUNDATED. SOME ROADS IN AREA OF NEW DAM HAVE BEEN REALIGNED DUE TO INUNDATION. HOUSING AREA ONE NM SE OF	22Ø1N Ø8ØØØW	Ø586		289
5X1D				
CUMANAYAGUA AREA; HANABANILLA POWER PLANT DAM COMPLETED; WATER ACCUMULATION HAS STARTED IN RESERVOIR. HYDROELECTRIC POWER PLANT APPEARS TO BE IN LATE STAGE OF CONSTRUCTION. NEW DAM UNDER CONSTRUCTION 5.5 NM. SE OF THIS DAM. WATER ACCUMULATION HAS STARTED IN THE NEW RESERVOIR. THE TWO RESERVOIRS ARE CONNECTED BY THE CANAL DE DERIVACION; WHICH IS BECOMING INUNDATED. NEW DAM IS LOCATED AT 22-01N 080-00W. HOUSING AREA LOCATED ONE NM SE OF NEW DAM.	2206N 08004W	Ø586		20
X1D				
LOS GUAOS: IRON-ORE MINE NO APPARENT CHANGE SINCE MISSION  X1D	2208N 08018W	Ø586		104
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	City, Installation	Coordinates	WAC		on Numbers	
	City, instantion	Coordinates	"AC	BE	NPIC	
25X1D	HOYO DE MANICARAGUA AREA POSS MIL CAMP NO CHANGE IN BARRACKS AREA SINCE MISSION THE 2 AREAS • 5 NM EAST OF BARRACKS NOW APPEAR COMPLETED • 2 LARGE BUILDINGS SOUTH OF BARRACKS AREA ARE PARTIALLY COMPLETED • ALL AREAS ROAD SERVED • ARTILLERY NONE OBSERVED •	22Ø9N Ø8ØØ4W	Ø586		88 <b>-</b> A	
25X1D						
25X1D 25X1D	JAIME GONZALES AIRFIELD  NO CHANGE IN WNW/ESE RUNWAY SINCE  NNE/SSW RUNWAY IS SERVICEABLE.  NUMEROUS UNOCCUPIED TRENCHES AND AW  POSITIONS AROUND PERIMETER OF FIELD.  AIRCRAFT NONE OBSERVED.	2209N 08025W	Ø586		51 <b>-</b> C	
25X1D	CIENFUEGOS, MICROWAVE SITE 25X1D NO APPARENT CHANGE SINCE MISSION	2209N 08027W	Ø58 <b>6</b>		51	
25X1D	CIENFUEGOS, PORT FACILITIES NO APPARENT CHANGE IN FACILITIES SINCE MISSION VESSELS 11 FREIGHTERS AND NUMEROUS SMALL CRAFT AND BARGES.	2209N 08027W	Ø58 <b>6</b>		51 <b>-</b> A	
25X1D 25X1D	CIENFUEGOS COMPLEX 25X1D NO APPARENT CHANGE SINCE MISSION	22Ø9N Ø8Ø27W	Ø58 <b>6</b>		51 <b>-</b> J	
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	City, Installation	Coordinates	WAC		on Numbers
	City, materialia	Coordinates	"AC	BE	NPIC
	CIENFUEGOS AREA; HIGHWAY CONSTRUCTION HIGHWAY 4-12 FROM PALMIRA NOW CONTINUES ON ACROSS HIGHWAY 4-36 INTO CIENFUEGOS: 4-12 IS A HIGH QUALITY 4 LANE DIVIDED HIGHWAY: NEW LOOP INTERCHANGES AT INTERSECTION OF 4-36 AND 4-12 ARE NOW COMPLETE: HIGHWAY 4-36 IS STILL A 2 LANE HIGHWAY INTO	2209N 08027W	Ø586		51 <b>-</b> N
25X1D	CIENFUEGOS				
	CRUCES AREA; ANDREITA LANDING STRIP ATHLETIC FIELD NOW OCCUPIES PART OF OLD DIRT RUNWAYRUNWAY APPEARS UNSERVICEABLE.	222ØN Ø8Ø16W	Ø586		9
25X1D					
25V4D	COLON AREA; RADIO STATION 25X1D NO CHANGE SINCE MISSION	2242N Ø8Ø53W	Ø586		54 <b>-</b> A
25X1D	SAGUA LA GRANDE, LANDING STRIP 25X1D NO CHANGE SINCE MISSION AIRCRAFT NONE OBSERVED.	2248N Ø8ØØ3W	Ø586		159
25X1D					
25X1D	SAGUA LA GRANDE COMPLEX 25X1D NO CHANGE SINCE MISSION	2248N Ø8ØØ4W	Ø586		159 <b>-</b> A
	SAGUA LA GRANDE, CHEMICAL PLANT SOUTH EDGE OF SAGUA LA GRANDE. 3 PROCESSING BUILDINGS, 3 STORAGE BUILDINGS, SOME MISCELLANEOUS BUILDINGS, 8 STORAGE TANKS. PLANT RAIL AND ROAD SERVED. APPROXIMATELY 6 TANK CARS IN PLANT AREA.	2248N Ø8ØØ4W	Ø586		159 <b>-</b> C

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	City, Installation	Coordinates	WAC	Installatio BE	n Numbers NPIC
	25X1D SAGUA LA GRANDE AREA, MINING AND MILLING	2248N Ø8ØØ8W	Ø586		159 <b>-</b> 8
25X1D	3.2 NM WEST OF SAGUA LA GRANDE. AREA IS ACTIVE. 2 PROCESSING BUILDINGS AND SEVERAL SMALLER BUILDINGS. OPEN PIT AREAS LOCATED ON BOTH SIDES OF ROUTE 4-53.				
25X1D	CARAHATAS, PORT FACILITY  NO CHANGE IN FACILITIES SINCE  MISSION  VESSELS 2 BARGES AT LARGE PIER,  AND NUMEROUS SMALL CRAFT IN PORT AREA.	2255N Ø8Ø18W	Ø586		235
25X1D	LA ISABELA, PORT FACILITIES  NO APPARENT CHANGE IN PORT FACILITIES  SINCE MISSION  25X1D  ACTIVE PORT AREA.  VESSELS 3 LARGE FREIGHTERS, 2 SMALLER  CARGO SHIPS, ONE BARGE, 3 LIGHTERS, AND  NUMEROUS SMALL CRAFT ON BOTH SIDE OF  PENINSULA.  VEHICLES/EQUIPMENT APPROXIMATELY 150 RAIL  CARS (MAJORITY BOX CARS) IN PORT AREA.	2256N Ø8ØØ1W	Ø586		99 <b>-</b> A
	PLAYA LA PANCHITA, PORT FACILITIES 25X1D NO CHANGE IN FACILITIES SINCE MISSION	2257N Ø8Ø25W	Ø586		233
25X1D 25X1D	VESSELS APPROXIMATELY 50 SMALL CRAFT.				
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	C. L. H.	Coordinates	WAC	Installatio	n Numbers	
	City, Installation	Coordinates	WAC	ВE	NPIC	
25X1D	PLAYA GIRON AIRFIELD 25X1D  NO APPARENT CHANGE SINCE MISSION  AIRCRAFT NONE OBSERVED.	22Ø4N Ø81Ø2W	Ø586		282	
25X1D	AIRCRAIT NONE OBSERVED					
25X1D	MADRUGA AREA: MICROWAVE RELAY STATION 25X1D NO CHANGE SINCE MISSION	2255N Ø8151W	Ø586		1Ø9 <b>-</b> B	
25X1D	MADRUGA OIL FIELD 25X1D NO CHANGE SINCE MISSION	2255N Ø8155W	Ø586		109-A	
25X1D	LAGUNILLAS AREA, ORE-PROCESSING INDUSTRY NO CHANGE SINCE MISSION 25X1D	2259N Ø811ØW	Ø586		148-A	
25X1D 25X1D	SURGIDERO DE BATABANO, PORT FACILITIES 25X1D  NO CHÂNGE IN FACILITIES SINCE MISSION  VESSELS NUMEROUS SMÂLL CRAFT, 2 BARGES, 2 SMÂLL-PROBÂBLE LIGHTERS.	2241N Ø8218W	Ø58 <b>6</b>		21	
25X1D	PLAYA DEL CAJIO, PORT FACILITIES 25X1D  NO CHANGE SINCE MISSION  VESSELS SEVERAL SMALL CRAFT.	22 <b>4</b> 1N Ø8228W	Ø586		227	
25X1D	GUANIMAR, PORT FACILITIES 25X1D NO CHANGE SINCE MISSION	2241N Ø8239W	Ø586		3Ø6	
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į	City, Installation	Coordinates	WAC		n Numbers
	City, installation	Coordinates		BE	NPIC
25X1D	PLAYA DE ROSARIO AREA: LANDING STRIP NO CHANGE SINCE MISSION	2242N Ø82Ø2W	Ø586		283
	25X1D EL GABRIEL AREA, ELECTRIC POWER PLANT	2248N Ø8227W	Ø586		66 <del>-</del> A
25X1D	NO CHANGE SINCE MISSION 25X1D				
25X1D	ARTEMISA: SANTA TERESA CEMENT PLANT 25X1D NO CHANGE SINCE MISSION	2248N Ø8241W	Ø586		13 <b>-</b> D
25X1D	ARTEMISA COMPLEX NO APPARENT CHANGE SINCE MISSION	2249N Ø8246W	Ø586		13 <b>-</b> 8
25X1D	GUINES COMPLEX 25X1D NO CHANGE SINCE MISSION	225ØN Ø82Ø2W	Ø586	25X1A	219
25X1D	SAN ANTONIO DE LOS BANOS AIRFIELD  NO APPARENT CHANGE IN RUNWAYS, FACILITIES, OR  DEFENSES SINCE MISSION  AIRCRAFT TOTAL OF 48 INCLUDING 3 FARMER,  20 FAGOT/FRESCO, ONE PROBABLE FAGOT/FRESCO,  7 SE FIGHTER/TRAINER, 4 T-33, 11 B-26, ONE  AERO-COMMANDER; ONE LIAISON,  LOGISTICS/MATERIAL 4 POSS AIRCRAFT  SHIPPING CRATES.	2252N Ø8231W	Ø586		164
	A	7050450040004000	10000		
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	City, Installation	Coordinates	WAC		n Numbers
	City, installation	Coordinates		BE	NPIC
25X1D	SAN ANTONIO DE LOS BANOS COMPLEX 25X1D NO APPARENT CHANGE SINCE MISSION	2253N Ø823ØW	Ø586		164 <b>-</b> B
	e e e e e e e e e e e e e e e e e e e				
25X1D	BEJUCAL AREA; MILITARY DEFENSES 4.POSITIONS NOW APPEAR OCCUPIED IN DEFENSES 1.8 NM NORTH OF BEJUCAL.	2255N Ø8223W	Ø586		320
	SAN JOSE DE LAS LAJAS, MILITARY SITE  2.6 NM SW OF SAN JOSE DE LAS LAJAS.  2 PARALLEL U-SHAPED, GABLE-ROOFED,  SINGLE-STORY BUILDINGS FLANKING ONE  SINGLE-STORY, GABLE-ROOFED BUILDING.  ONE LARGE, SINGLE-STORY, GABLE-ROOFED  BUILDING ORIENTED PERPENDICULAR TO ABOVE  DESCRIBED BUILDINGS. ONE U-SHAPED,  SINGLE-STORY, GABLE-ROOFED BUILDING UNDER  CONSTRUCTION JUST SOUTH OF THE MAIN GROUP  OF BUILDINGS. 5 SMALLER ASSOCIATED  BUILDINGS IN THE AREA. NUMEROUS TROOPS  OBSERVED MOVING ABOUT IN THE AREA.  DEFENSES ONE-GUN UNOCCUPIED AA POSITION  ON HILL 2,400 FT SOUTH OF ROUTE 2-34, 3.3 NM  SSW OF SAN JOSE DE LAS LAJAS. ONE 3-GUN  UNOCCUPIED POSITION ON HILL 1,800 FT NW OF  BUILDING AREA. ONE-GUN UNOCCUPIED POSITION  .5 NM ESE OF 3-GUN POSITION. 4 PROBABLE AW  POSITIONS (ONE OCCUPIED) .4 NM EAST OF 3-GUN  POSITION. ONE 2-GUN UNOCCUPIED AA POSITION .6  NM SE OF 3-GUN POSITION. PERSONNEL TRENCHES  SURROUND BUILDING AREA.  3 ÁW POSITIONS ON HILLS. 1 NM SOUTH OF ROUTE	2256N Ø8211W	Ø586		172 <b>-</b> D
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	City, Installation	Coordinates	WAC		ion Numbers
25X1D	2-134, 1.6 NM SW OF SAN JOSE DE LAS LAJAS, WITH NUMEROUS SMALL PERSONNEL TRENCHES SCATTERED AROUND THESE POSITIONS.  VEHICLES/EQUIPMENT APPROXIMATELY 10  VEHICLES SCATTERED THROUGHOUT AREA.	Coordinates	""	8E	NPIC
	MANAGUA AREA EXPLOSIVES STORAGE  3 NM SW OF MANAGUA. FENCED AREA CONTAINING 9 HEAVILY REVETTED BUNKERS, 2 CONCRETE BUNKERS PREVIOUSLY " REPORTED UNDER CONSTRUCTION APPEAR COMPLETED. REVETMENTS STILL UNDER CONSTRUCTION. IMMEDIATELY TO EAST OF THESE BUNKERS ARE 6 POSSIBLE BUNKERS UNDER CONSTRUCTION.	2256N Ø822ØW	Ø586		111-C
25X1D	SAN ANTONIO DE LOS BANOS AREA; LANDING STRIP NO APPARENT CHANGE SINCE MISSION 25X1D AIRCRAFT NONE.	2256N Ø8233W	Ø586		164-A
25X1D	SAN JOSE DE LAS LAJAS, COPPER FABRICATION PLT NO CHANGE SINCE MISSION 25X1D	2257N Ø82Ø9W	Ø586		172
25X1D	SAN JOSE DE LAS LAJAS AREA, MILITARY DEFENSES NO CHANGE SINCE MISSION  25X1D	2257N Ø8211W	Ø586		147 <b>-</b> B
25X1D	BAUTA COMMUNICATION STATION 25X1D  NO APPARENT CHANGE SINCE MISSION  Approved For Release 2001/08/21 : CIA-RDP	2257N Ø8232W 78B04560A0001000	Ø586		22 <b>-</b> B

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	City to stall at the	Coordinates	WAC	Installatio	n Numbers
	City, Installation	Coordinates	WAC	BE	NPIC
		a a			
	SAN JOSE DE LAS LAJAS, IRON & STEEL PLANT	2258N Ø821ØW	Ø586		172-A
	NO CHANGE SINCE MISSION		_		l l
25X1D	25X1D				
20/10					
	MANAGUA AIRFIELD 25X1D	2258N Ø8217W	Ø586		111-8
	NO APPARENT CHANGE SINCE MISSION				
25X1D	EXCEPT BARRICADING OF ACCESS ROADS				
	TO AIRFIELD.				
05745	AIRCRAFT NONE OBSERVED.				
25X1D					
	4	0.05011 .0003.014	acor		
	MANAGUA; MILITARY CAMP	2258N Ø8218W	Ø586		111
	CONSTRUCTION ACTIVITY CONTINUES. LONG				
	NARROW BUILDING UNDER CONSTRUCTION .9 NM				
	SOUTH OF CADET SCHOOL. IN AREA WHERE T-SHAPED				
	EXCAVATION WAS REPORTED ON MISSION 25X1D				
25X1D	• THERE IS A LARGE FENCED AREA CONTAINING 2 LOOP ROADS. THERE ARE 2 EARTH—				1
l	COVERED DRIVE-THROUGH STRUCTURES ON SMALLER				
	ROAD AND ONE ON THE LARGER ROAD. A 6-GUN				
	OCCUPIED DP EMPLACEMENT HAS A BATTERY OF 3				
	GUNS WITHIN THE LARGER LOOP ROAD AND A				
	BATTERY OF 3 GUNS JUST WEST OF THE LOOP				
	ROAD. JUST NORTH OF LOOP ROAD AND OUTSIDE				}
	THE FENCED AREA IS A DIAMOND-SHAPED GROUND				
	SCAR AND A LARGE CONCRETE STRUCTURE UNDER				
	CONSTRUCTION WHICH MAY EVENTUALLY BE EARTH				
	COVERED. THE T-SHAPED EXCAVATION REPORTED IN				
25X1D	MISSION IS NOT NOW EVIDENT.				
	NO APPARENT CHANGE IN U-SHAPED BUILDING				
	UNDER CONSTRUCTION 1.2 NM ESE OF CADET				
25X1D	SCHOOL SINCE MISSION HOWEVER				
	IMMEDIATELY SOUTH OF THIS STRUCTURE THERE				
	IS GROUND SCARRING AND A COMPARISON OF				
25X1D	MISSION SHOWED THAT THERE WAS				
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	City, Installation	Coordinates	WAC		ation Numbers	
	City, instruction			BE	NPIC	
25X1D	A LARGE NEWLY CONSTRUCTED STRUCTURE WHICH NOW IS APPARENTLY BURIED. DEFENSES A 6-GUN DP POSITION NW OF BARRACKS AREA - 2 EMPLACEMENTS OCCUPIED. A 6-GUN UNOCCUPIED FA POSITION UNDER CONSTRUCTION 2 NM SSW OF CADET SCHOOL. OTHER DEFENSES UNCHANGED SINCE MISSION 25X1D					
25X1D	CABANAS BAY, CD POSITIONS & CONSTRUCTION NO CHANGE SINCE MISSION 25X1D	2258N Ø8257W	Ø586		374	
25X1D	CABANAS, PORT FACILITIES 25X1D  NO CHANGE SINCE MISSION	2259N Ø8256W	Ø586		25	
25X1D	CABANAS AREA: PROBABLE PENAL CAMP NO CHANGE SINCE MISSION 25X1D	2259N Ø8258W	Ø586		25 <b>-</b> A	
25X1D	EL BRAZO/VIVANCO, ROAD U/C PROBABLE 2-LANE ALL-WEATHER ROAD UNDER CONSTRUCTION FROM VIVANCO (22-27N Ø83-26W) TO EL BRAZO (22-3ØN Ø83-18W).	223ØN Ø8318W	Ø586		416	
25X1D	CARDENAS, PORT FACILITIES  NO CHANGE IN FACILITIES SINCE  MISSION 25X1D  APPROXIMATELY 375 RAIL CARS, MAJORITY  BOX-TYPE.	23Ø2N Ø8112W	Ø586		31 <b>-</b> C	
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	City, Installation	Coordinates	WAC	Installatio	n Numbers NPIC
				BE	NPIC
	CARDENAS COMPLEY 25X1D				
	CARDENAS COMPLEX 25X1D NO CHANGE SINCE MISSION	23Ø2N Ø8113W	Ø586		31-E
25X1D	NO CHANGE SINCE MISSION				
20/(10					
	CARDENAS-VARADERA, NEW HIGHWAY	23Ø3N Ø8113W	Ø586		31 <b>-</b> H
	FROM CARDENAS (23-03N 081-13W) TO VARADERO (23-07N 081-17W).				
	4-LANE HIGHWAY, CRUSHED ROCK SURFACE,				
	ALL-WEATHER TYPE LEAVES HIGHWAY 3-53 WEST				
	OF CARDENAS, RUNS NW PARALLEL TO COAST AND JOINS HIGHWAY 3-53 AGAIN IN VARADERO				
25X1D	AND GOING MICHWAY 3 33 NOWIN IN ANADERO				
	MATANZAS, PORT FACILITIES   RAIL CARS ON RAIL-SERVED WHARF, ACTIVITY	23Ø3N Ø8133W	Ø586		12Ø-F
	ON BOTH WHARVES. NO APPARENT CHANGE IN				
	FACILITIES SINCE MISSION				
25X1D	25X1D				
	MATANZAS COMPLEX 25X1D	23Ø3N Ø8135W	Ø586		120
	NO APPARENT CHANGE SINCE MISSION	25251 201351	2200		
25X1D					
	MATANZAS AREA, MILITARY DEFENSES	23Ø3N Ø8135W	Ø586		120-R
	14 AW POSITIONS AND ZIGZAG TRENCH AT ROAD INTERSECTION 2 NM NORTH OF MATANZAS. 5 AW				
	TRENCHES LINE ROAD SE OF THE INTERSECTION.			İ	
•	TRENCH SYSTEM 1,200 FT LONG 2 NM NE OF				
	MATANZAS ON NE EDGE OF SAN ANTONIO.				
	APPROXIMATELY 10 WEAPONS POSITIONS AROUND MICROWAVE TOWER ONE NM NORTH OF MATANZAS.				
	ONE 6-GUN PROBABLE FA POSITION (POSSIBLY				
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				NOFORN	

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	Cts. Installation	City, Installation Coordinates WAC		Installation Numbers		
	City, Installation	Coordinates	WAC	BE	NPIC	
25X1D	OCCUPIED) 300 FT NE OF MICROWAVE TOWER. TRENCH SYSTEM 400 FT LONG 2,500 FT SW OF MICROWAVE TOWER. AREA PROBABLY USED FOR TRAINING. NO CONCENTRATION OF VEHICLES.					
25X1D	MATANZAS AREA, MICROWAVE SITE ONE NM NORTH OF MATANZAS, AREA CONTAINS 2 TALL TOWERS AND ONE POSSIBLE SHORTER TOWER, ONE MAIN BUILDING AND 2 SMALLER BUILDINGS, ONE POSSIBLE VAN PARKED IN AREA,	2304N 08134W	Ø586		120 <b>-</b> A	
25X1D	HERSHEY CENTRAL AREA, COMMUNICATIONS SITE NO CHANGE SINCE MISSION 25X1D	23Ø6N Ø8157W	Ø586		87 <b>-</b> B	
25X1D	CORONEL PASCUAL AIRFIELD RUNWAY SERVICEABLE, ONE BUILDING WITH OBSERVATION TOWER AND ONE ASSOCIATED BUILDING AT NE END OF RUNWAY. DEFENSES ZIGZAG TRENCHES WITH FIRING BAYS - ONE ALONG SOUTH SIDE OF RUNWAY, AND ONE AT NE END OF RUNWAY.	23Ø7N Ø8117W	Ø586		201	
20,(10	CANASI, MICROWAVE STATION  NW EDGE OF CANASI.  ONE TOWER, ONE POSSIBLE TOWER, CONTROL  BUILDING, AND 3 ASSOCIATED BUILDINGS.	2307N 08147W	Ø586		224 <b>-</b> A	
25X1D	Approved For Release 2001/08/21 : CIA-RDP				415	

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	City, Installation	Coordinates	WAC	Installati BE	on Numbers
	25X1D			55	NPIC
25X1D	SANTA CRUZ DEL NORTE AREA; MILITARY DEFENSES NO APPARENT CHANGE SINCE MISSION 25X1D	2308N 08156W	Ø586		214 <b>-</b> B
25X1D	PUNTA ESCONDIDO AREA; MILITARY TRAINING AREA NO CHANGE SINCE MISSION 25X1D	2309N 08143W	Ø586		391
25X1D	BOCA DE J1BACOA, PORT AREA  3.5 NM EAST OF SANTA CRUZ DEL NORTE.  ONE LARGE, AND SEVERAL SMALL PIERS IN SMALL BAY.  VESSELS NONE OBSERVED.	23Ø9N Ø8151W	Ø586		359 <b>-</b> A
25X1D	SANTA CRUZ DEL NORTE, PORT FACILITIES NO CHANGE SINCE MISSION 25X1D	23Ø9N Ø8155W	Ø586		214 <b>-</b> A
25X1D	PUNTA DE MOLAS AREA, LANDING STRIP NO CHANGE IN FACILITIES SINCE MISSION AIRCRAFT ONE POSSIBLE LIAISON-TYPE.	2311N Ø81Ø7W	Ø58 <b>6</b>		31 <b>-</b> D
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Installation Numbers Coordinates WAC City, Installation BE NPIC 25X1A 31 25X1D 2311N Ø81Ø8W Ø586 CARDENAS BAY SEAPLANE STATION NO CHANGE SINCE MISSION AIRCRAFT -- NONE OBSERVED. 25X1D 277 25X1D CUATRO CAMINOS AREA, COMMUNICATIONS STATION 23ØØN Ø8214W Ø586 277-A NO CHANGE SINCE MISSION 25X1D 25X1D 25X1A 2300N 08224W Ø586 86-I JOSE MARTI INTERNATIONAL AIRFIELD NO CHANGE IN FACILITIES OR ELECTRONICS SINCE MISSION 25X1D AIRCRAFT -- A TOTAL OF 37, INCLUDING 4 BRITANNIA, 3 CONSTELLATION, ONE VISCOUNT, ONE CESSNA, 8 CRATE, 3 C-54, 3 C-46, ONE C-47, ONE C-45, ONE B-26, 3 LIAISON, 2 FUSELAGES, 6 DERELICTS. DEFENSES -- 2 ZIGZAG TRENCHES ON SOUTH SIDE OF RUNWAY, ONE 3-GUN POSITION ON NORTH SIDE OF RUNWAY NEAR SW END. 25X1D 2300N 08246W Ø586 117-E MARIEL NAVAL AIR STATION 1.5 NM NW OF MARIEL. 6,000 X 150 FT NE/SW CONCRETE RUNWAY, SERVICEABLE. PIER UNDER CONSTRUCTION OFF NORTH-CENTRAL PORTION OF RUNWAY. 25X1D DEFENSES -- NO CHANGE SINCE MISSION 25X1D AIRCRAFT -- NONE OBSERVED.

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	City for tellest	Coordinates	WAC	Installatio	
	City, Installation	Coordinates	WAC	ВE	NPIC
	OFMAD				
	25X1D				
				25X1A	
	PARLA CUBÁN NAVAL AIR BASE 25X1D	2300N 08246W	Ø586		117-
25X1D	NO CHANGE SINCE MISSION				
23/10					
	CUATRO CAMINOS AREA, PROBABLE MILITARY STORAGE	23Ø1N Ø8214W	Ø586		277-
25X1D	NO CHANGE SINCE MISSION 25X1D				
20/10	20/10	-			
	PLAYA VISTA DEL MAR AREA, MILITARY CAMP	23Ø1N Ø825ØW	Ø586		2 <b>7</b> 9
25X1D	NO CHANGE SINCE MISSION 25X1D				
20/(12					
	HAVANA AREA; RADIO STATION 25X1D	23Ø2N Ø8226W	Ø586		86-
	NO APPARENT CHANGE SINCE MISSION				
25X1D					
			2504	25X1A	•
	PLAYA BARACOA AIRFIELD NO APPARENT CHANGE IN RUNWAY, FACILITIES, OR	23Ø2N Ø8235W	Ø58 <b>6</b>		22
	DEFENSES SINCE MISSION 25X1D				
	AIRCRAFT TOTAL OF 17 INCLUDING, 2 CRATE,				
	ONE C→47; 6 HOUND; 5 HARE; 2 HELICOPTER FUSELAGES; ONE UNIDENTIFIED DERELICT;				
25X1D	POSELAGES, ONE ONIDENTITIED DERELICIT		i.		
20/(12			~~~		
	SANTA FE AIRFIELD NO CHANGE IN FACILITIES SINCE MISSION	23Ø4N Ø8231W	Ø586		86-
25X1D	· ************************************				
	AIRCRAFT ONE UNIDENTIFIED S/E PISTON				
25X1D	LIAISON TYPE.			•	
	Approved For Release 2001/08/21 : CIA-RDP 43	78B04560A0001000 T	10069-9	ECRET	CHE
		,	Or 3	LCKLI	CHE

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	City, Installation	tallation Coordinates WAC	Installati	on Numbers	
	City, installation	Coordinates	WAC	8E	NPIC
25X1D	SAN MIGUEL AREA; MILITARY DEFENSES  ONE 6-GUN UNOCCUPIED FA POSITION 1.2 NM NE  OF TOWN; ONE 6-GUN UNOCCUPIED FA POSITION  WITH 6 VEHICLE REVETMENTS (UNOCCUPIED); AND  BARRACKS/STORAGE BUILDINGS .3 NM EAST OF TOWN;  ONE 6-GUN UNOCCUPIED FA POSITION .6 NM SW OF  TOWN; ONE 6-GUN UNOCCUPIED FA POSITION .3 NM  WEST OF TOWN. ONE 9-GUN UNOCCUPIED FA POSITION  AND 6 VEHICLE REVETMENTS PREVIOUSLY REPORTED  (MISSION  ARE CLOUD COVERED.  ONE 6-GUN UNOCCUPIED POSITION WITH ONE  VEHICLE; AND SEVERAL AW POSITION AND PERSONNEL  TRENCHES 2.4 NM SSW OF TOWN AT		Ø586		396
0EV4D	23-03-30N 082-05-00W.				
25X1D				25X1A	
25X1D	CAMPO LIBERTAD AIRFIELD  RUNWAYS SERVICEABLE. ALL STORAGE BUILDINGS EXCEPT 2 HAVE BEEN REMOVED. 7 PROBABLE SHIPPING CRATES SCATTERED ALONG PARKING APRON.	23Ø6N Ø8226W	Ø586		86 <b>-</b> B
25X1D	DEFENSES NO APPARENT CHANGE SINCE AIRCRAFT APPROXIMATELY 65 INCLUDING ONE PBY, 3 COLTS, 2 UNIDENTIFIED TWIN-ENGINE PISTON (ONE WITH TAIL ASSEMBLY MISSING), 27 SE PISTON FIGHTER/TRAINER-TYPE, 2 B-26, 2 C-45, 4 CESSNA 310, 6 POSSIBLE ZLIN TRENER, 18 LIAISON, SEVERAL DERELICTS.	25X1D			

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TOP SECRET CHESS

NPIC/R-56/62 '

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]	City, Installation	Coordinates	WAC In	stallation Numbers
	City, Instantation	Coordinates	,,,,,	BE NPIC
25X1D	BACURANAO AIRFIELD 25X1D NO CHANGE SINCE MISSION	23Ø8N Ø8214W	Ø586	15
1	HAVANA COMMUNICATIONS STATION 25X1D NO APPARENT CHANGE SINCE MISSION	23Ø8N Ø8217W	Ø586	86 <b>-</b> C2
25X1D	HAVANA COMPLEX 25X1D	23Ø9N Ø8222W	Ø586	86 <b>-</b> A2
25X1D	NO APPARENT CHANGE SINCE MISSION			
25X1D	MARBELLA DELECTRONICS INSTALLATION NO CHANGE SINCE MISSION 25X1D	231ØN Ø82Ø9W	Ø586	284
	MARBELLA; MINING ACTIVITY ON SW OUTSKIRTS OF MARBELLA. REPORTED ARTILLERY POSITIONS NOW APPEAR TO BE MINING ACTIVITY.	231ØN Ø82Ø9W	Ø586	284-A
25X1D	GUANABO AREA MILITARY TRAINING AREA NO APPARENT CHANGE SINCE MISSION 25X1D	2311N Ø82Ø3W	Ø586	83 <b>-</b> B
25X1D		721N 82211U	75.07	100
ļ	SANTA MARIA DEL MAR AREA; OIL FIELD  NO CHANGE SINCE MISSION 25X1D  Approved For Release 2001/08/21 : CIA-RDP		Ø586 10069-9	183
I	45		OP SEC	RET CHESS

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City, Installation	Coordinates	WAC	Installati	on Numbers
City, installation	Coordinates	WAL	BE	NPIC
25X1D				
PUNTA DE CARTAS, PORT FACILITIES 25X1D NO CHANGE SINCE MISSION VESSELS NONE.	2210N Ø8350W	Ø587		43
PLAYA DE GALAFRE, PORT FACILITIES 25X1D NO CHANGE SINCE MISSION VESSELS NONE.	221ØN Ø8354W	Ø587		63
LA COLOMA, PORT FACILITIES 25X1D  NO CHANGE SINCE MISSION  VESSELS 60 SMALL CRAFT.	2214N Ø8334W	Ø587		16 <b>-</b> B
LA COLOMA, LANDING FIELD  3 NM NW OF LA COLOMA.  BUILDING LOCATED CENTER OF RUNWAY.	2215N Ø8337W	Ø587		16
LA COLOMA, LANDING STRIP  NO CHANGE IN FACILITIES SINCE MISSION  25X1D  AIRCRAFT NONE OBSERVED.	2217N Ø8338W	Ø587		16-A
BATEY, AIRFIELD 25X1D NO APPARENT CHANGE SINCE MISSION AIRCRAFT NONE.	2221N Ø8324W	<b>e</b> 587		4
PUERTA DE GOLPE, AIRFIELD AIRFIELD NOW CROSSED BY ROAD.  Approved For Release 2001/08/21 : CIA-I	2223N Ø8334W	Ø587		60

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TOP SECRET CHESS

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	City, Installation	Coordinates	WAC	Installatio	
				BE	NPIC
25X1D	APPEARS - ABANDONED.  PINAR DEL RIO. POWER PLANT 25X1D	2224N Ø8342W	ø587		32-
25X1D	NO APPARENT CHANGE SINCE MISSION		i		
25X1D	BATEY: AIRFIELD IDENTIFICATION ONLY.	2225N Ø8326W	Ø5'87		4-
	PINAR DEL RIO AREA; MILITARY CAMP 25X1D NO CHANGE SINCE MISSION	2225N Ø834ØW	Ø58 <b>7</b>		32 <b>-</b>
25X1D	PINAR DEL RIO AIRFIELD  NO CHANGE IN VISIBLE PORTIONS SINCE  MISSION 25X1D	2225N Ø8341W	Ø587	25X1A	32
25X1D	PINAR DEL RIO, MICROWAVE SITE 25X1D	2225N Ø8343W	Ø587		32•
25X1D	NO APPARENT CHANGE SINCE MISSION	222511 803 451	0.00		
25X1D	PINAR DEL RIO COMPLEX 25X1D NO CHANGE SINCE MISSION	2225N Ø8343W	Ø587		32•
25X1D	MESTANZA AREA, MINING ACTIVITY NO CHANGE IN VISIBLE PORTIONS SINCE	2227N Ø8347W	Ø587		27
ĺ	Approved For Release 2001/08/21 : CIA-RDF	  278B04560A0001000   T	10069-9 OP S	ECRET NOFORN	CHE

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		T	WAC	Installation	tion Numbers	
	City, Installation	Coordinates	WAC	8E	NPIC	
25X1D	PUERTO DEL GUARDIERO; LANDING STRIP NO CHANGE IN FACILITIES SINCE MISSION AIRCRAFT 2 LIAISON-TYPE;	2228N Ø8318W	Ø587		33	
25X1D	ATRONA T E ETATOR THE					
25X1D	GUANITO: MILITARY DEFENSES 25X1D NO APPARENT CHANGE SINCE MISSION	2229N Ø8349W	Ø587		56 <b>-</b> A	
25X1D	EL PINAR, LANDING STRIP 25X1D NO CHANGE SINCE MISSION	2233N Ø83Ø2W	Ø587		13	
25X1D	MINAS DE MATAHAMBRE: COPPER MINES AND MILL NO CHANGE SINCE MISSION 25X1D	2235N Ø8356W	Ø587		26	
25X1D	MINAS DE MATAHAMBRE MICROWAVE STATION IDENTIFICATION ONLY	2235N Ø8356W	Ø587		26 <b>-</b> A	
25X1D	MINAS DE MATAHAMBRE; MONO PYRITES MINE NO CHANGE SINCE MISSION 25X1D	2236N Ø8355W	Ø58 <b>7</b>	elistinia de la companya de la comp	28	
25X1D	VINALES AREA, POSSIBLE MINING 25X1D NO CHANGE SINCE MISSION	2237N Ø8342W	Ø587		55	
25X1D	MINAS DE MATAHAMBRE AREA, MINING ACTIVITY NO CHANGE SINCE MISSION  25X1D	2238N Ø8347W	Ø587		26 <b>-</b> C	

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[	City, Installation	Coordinates			Coordinates WAC Installation		
	City, installation	Coordinates	WAC	BE	NPIC		
					-		
25X1D	SANTA LUCIA AIRFIELD 25X1D NO CHANGE SINCE MISSION	224ØN Ø8358W	Ø587		37		
	SANTA LUCÍA, PORT FACILITIES 25X1D  NO CHANGE SINCE MISSION  VESSELS NUMEROUS POSSIBLE BARGES/LIGHTERS.	224ØN Ø8358W	Ø587		37-		
25X1D	· · · · · · · · · · · · · · · · · · ·						
25X1D			Ø587		37 <b>-</b>		
25X1D	SANTA LUCIA, POWER PLANT 25X1D NO CHANGE SINCE MISSION	224ØN Ø8358W	Ø587		37 <b>-</b>		
25X1D	SAN CRISTOBAL, MICROWAVE STATION 25X1D NO CHANGE SINCE MISSION	2243N Ø83Ø2W	Ø587		41-		
26/(18	CONSOLACION DEL NORTE; MICROWAVE STATION NO APPARENT CHANGE SINCE MISSION 25X1D	2244N Ø8333W	Ø587		46		
25X1D							
25745	LA ESPERANZA, PORT FACILITIES 25X1D NO CHANGE SINCE MISSION	2246N Ø8344W	Ø587		17		
25X1D	VERRACOS AIRFIELD NO APPARENT CHANGE SINCE MISSION	2247N Ø8338W	Ø58 <b>7</b>		4Ø		
25X1D	NO ATTAKENT CHANGE SINCE PIESTON		. * .				
- L	Approved For Release 2001/08/21 : CIA-RDP			ECRET NOFORN	CHE		

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	City, Installation	Coordingtes	"AC	BE	NPIC
	057/40				
·	25X1D				
	VERRACOS AREA, PORT FACILITIES 25X1D	2247N Ø8338W	Ø587		4Ø-A
	VERRACOS AREA, PORT FACILITIES 25X1D  NO CHANGE SINCE MISSION	2241N 00550W	0001		1
25X1D					
	PAJARITO AREA, PORT FACILITIES 25X1D	2249N Ø8335W	Ø58 <b>7</b>		47
	NO CHANGE SINCE MISSION	224311 0033311	2501		1
5X1D					
	SAN DIEGO DE NUNEZ AREA, NEW ROAD	2254N Ø83Ø6W	Ø587		64-A
	ROAD NOW APPEARS COMPLETE AND SERVICEABLE.	227777 8032011	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
25X1D					
	BUENAVISTA, CARBONERA COPPER MINE & MILL	2255N Ø83Ø3W	Ø587		5
	NO CHANGE SINCE MISSION				
25X1D	25X1D				1
	SAN DIEGO DE NUNEZ AREA, MILITARY DEFENSES	2255N Ø83Ø5W	Ø587		64
	1.1 NM NNE OF SAN DIEGO DE NUNEZ. 25X1D				
	NO CHANGE FROM MISSION  EXCEPT THERE ARE NOW 8 UNOCCUPIED AW				
	POSITIONS ONE NM NNE OF SAN DIEGO DE NUNEZ.				
	AT LEAST 6 BARRACKS-TYPE BUILDINGS AND				
	VARIOUS OTHER BUILDINGS ARE LOCATED IN WOODED AREA APPROXIMATELY •7 NM NNE OF				]
	SAN DIEGO DE NUNEZ.		İ		
25X1D					
	BAHIA HONDA, PORT FACILITIES	2255N Ø8311W	Ø587		3 <b>-</b> E
	NO CHANGE IN PORT FACILITIES SINCE				
	MISSION 25X1D VEHICLES/EQUIPMENT 3 VEHICLES AND 8				
	SCATTERED RAILROAD CARS.				
	VESSELS 1 FREIGHTER, 3 PROBABLE				1

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**SECRET CHESS** TOP

25X1D

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Installation Numbers City, Installation Coordinates WAC PATROL CRAFT. 25X1D 25X1D ALTURÁS AIRFIELD NO CHANGE SINCE MISSION 2256N Ø8317W 0587 1 AIRCRAFT -- NONE. 25X1D MORRILLO, PORT FACILITIES 2256N Ø8318W Ø587 48 IDENTIFICATION ONLY. 25X1D LA ZONA, PORT FACILITIES 25X1D 2258N Ø83Ø8W 0587 51 NO CHANGE SINCE MISSION 25X1D LA CAOBA, PORT FACILITIES 2258N Ø831ØW Ø587 5Ø 2 NM NE OF LA CAOBA. QUAYED SHORELINE IN MAN-MADE INLET. 2 SMALL BUILDINGS. MINOR OPEN STORAGE. VESSELS -- NONE. 25X1D 25X1D OROŽČO → PORT FACILÍTIES 2259N Ø83Ø1W Ø587 31-A NO CHANGE SINCE MISSION EXCEPT ONE LARGE FREIGHTER MOORED AT RAIL-SERVED PIER. 8 BOXCARS ON THE PIER. LA ZONA AREA, FORT SAN FERNANDO 2259N Ø83Ø9W Ø587 51-A TWO LARGE UNOCCUPIED REVETMENTS AND TRENCH SYSTEM, PROBABLY COMPLETE. 25X1D

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TOP SECRET CHESS NOFORN

NPIC/R-56/62 ' Approved For Release 2001/08/21 : CIA-RDP78B04560A000100010069-9

	Ch. L. J. H. J.	Carallanta	WAC	Installatio	Numbers
	City, Installation	Coordinates	WAC	BE	NPIC
25740	GOBERNADORA POINT, LIGHTHOUSE 25X1D NO CHANGE SINCE MISSION	2259N Ø8313W	Ø587		49
25X1D	LA FE, PORT FACILITIES 25X1D  NO CHANGE SINCE MISSION  VESSELS 4 SMALL CRAFT.	2202N 08416W	Ø587		18 <b>-</b> A
25X1D	LA FE AREA, SEAPLANE STATION	22Ø2N Ø8416W	ø587	25X1A	18 <b>-</b> B
25X1D	1 NM N OF LA FE PORT AREA. ABANDONED.  SAN JULIAN AIRFIELD	2206N 08409W	Ø587		18
25X1D 25X1D	RUNWAYS UNSERVICEABLE. NO CHANGE SINCE MISSION DITCH EXTENDS THROUGH SUPPORT AREA. AIRCRAFT ONE DERELICT SEA FURY.				
25X1D	LAGUNA DEL ALGODONAL. LANDING STRIP 25X1D NO CHANGE SINCE MISSION AIRCRAFT NONE OBSERVED.	2209N 08415W	Ø587		54 <b>-</b> A
25X1D	LAGUNA DEL ALGODONAL. LANDING STRIP 25X1D  NO CHANGE SINCE MISSION  AIRCRAFT NONE OBSERVED.	2209N 08417W	Ø587		54
	GUANE AREA, PROBABLE MILITARY TRAINING SITE  NO APPARENT CHANGE SINCE MISSION 25X1D  Approved For Release 2001/08/21: CIA-RDP	2214N Ø8412W			58 <b>-</b> 8
	52			ECRET NOFORN	CHESS

NPIC/R-56/62 Approved For Release 2001/08/21 : CIA-RDP78B04560A000100010069-9

Ī	City, Installation	Coordinates	WAC		n Numbers
_	City, installation	Coordinates	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ВE	NPIC
	25X1D				
	25X1D				
ı l					
	t ne		9507		42 <b>-</b> C
25X1D			Ø587		42-0
1					
í					
i	tos Appayor Pont Eact Ittles 25X1D	2222N Ø8422W	Ø587		22-A
	LOS ARROYÓS PORT FACILITIES 25XID NO APPARENT CHANGE SINCE MISSION	2222N 80422W	וסכש		& E -M
. 25X1D					
' 25X1D	VESSELS APPROXIMATELY 35 SMALL CRAFT.				
. 25/10					
25X1D			Ø587		42-B
				:	
			-		
1	DIMAS AREA, SAN FRANCISCO COPPER MINE AND MILL	2227N Ø84Ø2W	Ø587		35
	AT LEAST 15 WORKERS HOUSES, OTHERWISE NO				
25X1D	CHANGE SINCE MISSION 25X1D				
23/10					
25X1D			Ø587		35 <b>-</b> A
	DIMAS, PORT FACILITIES 25X1D	2229N Ø8414W	Ø587		42
	NO CHANGE SINCE MISSION				
25X1D	VESSELS APPROXIMATELY 15 SMALL CRAFT.			,	
Į	Approved For Release 2001/08/21:ÇIA-RDF	   78B04560A0001000	10069-9		
ı	53	1	OP S	SECRET	CHESS
				NOFORN	

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ı	Approved For Release 2001/08/21 : CIA-RDP			In stalled	n Numbers
	City, Installation	Coordinates	WAC	BE	NPIC
	RIO DE MEDIO: PORT FACILITIES 25X1D NO CHANGE SINCE MISSION	2237N Ø84Ø5W	Ø587		53
25X1D	VESSELS NONE.				
25X1D	SANTA LUCIA AREA, LIGHTHOUSE 25X1D NO CHANGE SINCE MISSION	2243N Ø84Ø1W	Ø587		37 <b>-</b> D
25X1D			0647		4 <b>-</b> C
05)/45	PLAYA DAIQUIRI AREA, ROAD CONSTRUCTION NO APPARENT CHANGE SINCE MISSION 25X1D	1955N Ø7539W	Ø647		42 <b>∽</b> A
25X1D					
25X1D			Ø547		4 <b>-</b> D
	Approved For Release 2001/08/21 : CIA-RDP	78B04560A0001000	10069-9		
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	City, Installation	Coordinates	WAC		n Numbers
:	City, installation	Coordinates	WAC	BE	NPIC
25X1D	ANTONIO MACEO AIRFIELD  NO CHANGES IN FACILITIES OR DEFENSES SINCE  MISSION  AIRCRAFT A TOTAL OF 7, INCLUDING 5	1958N 07550W	Ø647		9
25X1D	LIAISON, ONE POSSIBLE C-47, AND ONE DERELICT.				
	LA MAGDALENA AREA, LANDING STRIP 25X1D NO APPARENT CHANGE SINCE MISSION	1955N Ø7654W	Ø647		17
<u> 2</u> 5X1D					
■ 25X1D			Ø647		76
_					
-					
-	PILON, LANDING STRIP NO APPARENT CHANGE SINCE MISSION	1954N Ø7719W	Ø647		6
25X1D 25X1D	AIRCRAFT NONE OBSERVED.				
<b>2</b> 0/(15)	PILON* PORT FACILITIES 25X1D NO APPARENT CHANGE SINCE MISSION	1954N Ø7719W	Ø647		6 <b>-</b> B
25X1D					
<sub></sub> .l	Approved For Release 2001/08/21 : ÇIA-RDP	78B0456040001000	10069-9		
•••	755-101	T	OP S	ECRET NOFORN	CHESS

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	City, Installation	Coordinates	WAC	Installatio	
	City, installation	Coordinates	"//	BE	NPIC
25X1D	PILON AREA, RAIL CONSTRUCTION ONE NM NE OF PILON. CONSTRUCTION ACTIVITY HAS STOPPED.	1954N Ø772ØW	Ø647		6 <b>-</b> C
					·
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PUNTA DE MOLAS AREA, LANDING STRIP SABANA, LANDING STRIP SAETIA, AIRFIELD SAGUA DE TANAMO, AIRFIELD SAGUA LA GRANDE, LANDING STRIP SAN ANTONIO DE LOS BANOS AREA, LANDING STRIP SAN ANTONIO DE LOS BANOS AIRFIELD SAN ANTONIO DEL SUR AREA, LANDING STRIP SAN GERMAN AREA, AIRFIELD SAN GERMAN AREA, AIRFIELD SAN JOSE AREA, LANDING STRIP SAN JULIAN AIRFIELD SAN MIGUEL DE BAGA AREA, LANDING STRIP SAN MIGUEL DE BAGA, LANDING FIELD SANTA CLARA INTERNATIONAL AIRFIELD SANTA LUCIA AIRFIELD SANTA LUCIA AIRFIELD SANTA LUCIA AIRFIELD TRINIDAD AIRFIELD TRINIDAD AIRFIELD VERACOS AIRFIELD VERRACOS AIRFIELD VERRACOS AIRFIELD VIGIL, LANDING FIELD VAGUAJAY AREA, AIRFIELD	1758344942239777
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BARACOA AREA; MICROWAVE TOWER 2

25X1D

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BAUTA COMMUNICATION STATION CAMAGUEY AREA; RADIO STATION CANASI; MICROWAVE STATION CIENFUEGOS; MICROWAVE SITE COLON AREA; RADIO STATION CONSOLACION DEL NORTE; MICROWAVE STATION CUATRO CAMINOS AREA; COMMUNICATIONS STATION FLORIDA; MICROWAVE STATION HAVANA AREA; RADIO STATION HAVANA; COMMUNICATIONS STATION HERSHEY CENTRAL AREA; COMMUNICATIONS SITE MADRUGA AREA; MICROWAVE RELAY STATION MARBELLA; ELECTRONICS INSTALLATION MARCHENA AREA; MICROWAVE SITE MINAS DE MATAHAMBRE; MICROWAVE SITE MINAS DE MATAHAMBRE; MICROWAVE SITE PUEBLO LÀ VALLITA; MICROWAVE SITE SAN CRISTOBAL; MICROWAVE SITE SAN CRISTOBAL; MICROWAVE STATION SANTA CLARA AREA; MICROWAVE & POSSIBLE VHF/UHF SANTA CLARA AREA; RADIO STATION SANTA CLARA AREA; RADIO STATION SANTIAGO DE CUBÀ AREA; RADIO STATION	366 400 319 421 440 440 447 442 442 442 442 442 442 442 443 444 443 444 444
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25X1D CUMANAYAGUA AREA, HANABANILLA POWER PLANT DIMAS AREA, SAN FRANCISCO COPPER MINE AND MILL 53 EL COBRE AREA: COPPER MINE AND MILL FELTON AREA, WOODFRED IRON MINES 8 FOMENTO AREA, MINING ACTIVITY 26 LAGUNILLAS AREA, ORE-PROCESSING INDUSTRY 33 LOS GUAOS, IRON-ORE MINE 29 MADRUGA + OIL FIELD 33 MAJAGUA AREA, OIL FIELD 24 25X1D MARBELLA, MINING ACTIVITY 45 MESTANZA AREA, MINING ACTIVITY 47 MINAS DE MATAHAMBRE AREA, MINING ACTIVITY 48 MINAS DE MATAHAMBRE, COPPER MINES AND MILL 48 MINAS DE MATAHAMBRE, MONO PYRITES MINE 48 MINAS, CHROME MINES MOA, NICKEL PLANT NICARO AREA, NICKEL MINES PLAYA SANTA LUCIA, SALT REFINERY 9 20 SAGUA LA GRANDE AREA, MINING AND MILLING 32 SAGUA LA GRANDE, CHEMICAL PLANT 31 SAN JOSE DE LAS LAJAS. COPPER FABRICATION PLT 36 SAN JOSE DE LAS LAJAS. IRON & STEEL PLANT 37 45 SANTA MARIA DEL MAR AREA, OIL FIELD SANTIAGO DE CUBA AREA, OIL REFINERY VINALES AREA, POSSIBLE MINING 48

-MILITARY INSTALLATIONS-

25X1D

25X1D BEJUCAL AREA, MILITARY DEFENSES 35

62

-PORTS & HARBORS-

BAHTA HONDA' PORT FACILITIES

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TOP SECRET

HAVANA COMPLEX

HOLGUIN COMPLEX MATANZAS COMPLEX

**CHESS** 

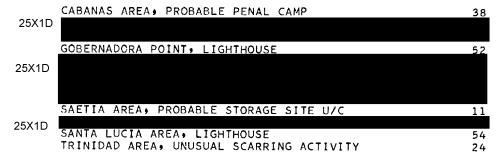
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#### -MISCELLANEOUS-



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m NP}$   $_{
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m 56/62}$ 

#### **APPENDIX**

#### EXPLANATION OF COLUMN HEADINGS AND PHOTO REFERENCES

<u>City, Installation</u> -- This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. The city and installation names are followed by a capsule description, where appropriate.

<u>Coordinates</u> -- Coordinates are referenced to the southeast corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

 $\underline{\text{WAC}}$  -- This column provides the World Aeronautical Chart number for the area in which the subject lies.

Installation Numbers -- The Installation Numbers column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the target. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since installation numbers are repeated from WAC to WAC. For example, there is an NPIC target numbered 0585-1 and an NPIC target numbered 0586-1. In each instance, the NPIC installation number is 1, but the installations appear on different WACs.

A photo reference is provided for every item in the target listing. The photo reference indicates frame(s) on which the target appears, and conditions which affect interpretation of the target.

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